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## PHONETIC TEXT



## COLLOQUIAL ENGLISH.

## PART I.

100 SUBSTITUTION TABLES.

BY

HAROLD E. PALMER.<br>Author of "Manuel d'anglais parlé," etc.

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## INTRODUCTION:

## WHAT SUBSTITUTION IS.

Substitution may be described as the process by which any authentic* sentence may be multiplied indefinitely by substituting any of its words or word-groups by others of the same grammatical family and within certain semantic limits.

Let the authentic sentence be
I saw two books here yesterday.
It is evident that the word two may be replaced by any plural numeral adjective; that $I$ may be replaced by any noun or pronoun designating a person or animal capable of seeing; that here may be replaced by any appropriate adverb of place; that yesterday may be replaced by any appropriate adverb of time; that books may be replaced by any plural noun representing any person or object capable of being seen in a particular place.

A foreigner who has successfully memorized the above sentence can convert that one fluent sentence into hundreds of others almost equally fluent and in quite as good English by memorizing a stock of "substitutive elements" (as described above) and by using them as interchangeable parts of the original sentence.

It is certain that if the original sentence (hereinafter called the Model) is normal and authentic, and that if the substitutive elements are equally authentic and true members of the same category, our student may ring all the changes he pleases and have no more fear of producing un-English sentences than the Englishman himself.

It is more than probable that a process of unconscious substitution is the one by which we learn at an early age the intricacies of our own

[^0]language, and possess before even knowing the meaning of the term grammar nine-tenths of the grammatical machinery of our own tongue.

A substitution table may be simple or compound. The former is represented by a model sentence of which one section only may be replaced at a time by its substitutive elements. Example:

| He | saw | it. |
| :--- | :--- | :--- |
| She | sees | the man. |
| I | eats | himself. |

resulting in three simple series:
He saw it.
She saw it.
I saw it.
He saw it.
He sees it.
He eats it.
He saw it.
He saw the man.
He saw himself.
each of which is quite valid. But if we attempted to treat this table by compound (or cross) substitution, we should obtain such absurdities as

I sees it.
I saw himself.
He eats the man, \&c.
The above table can only yield fourteen rational and grammatical sentences.

An ideal compound substitution table is one composed in such a manner that all the elements are mutually intercombinable. The following is an example:

| I | saw | two | books | here | yesterday. |
| :--- | :--- | :--- | :--- | :--- | :--- |
| You | put | three | letters | there | last week. |
| We | left | a few | keys | on the table | on Sunday. |
| They | found | some | good ones | in this box | this morning. |

This table will yield 4096 perfectly rational sentences.
While most of the tables in the present book yield a very high percentage of rational sentences, it is not claimed that each one is an ideal compound table; to attempt to make them so would involve the sacrifice of many useful words and forms, or would render the whole cumbrous and bulky without any real compensating advantage.

Although the composition of a few isolated simple tables requires neither linguistic knowledge nor experience, the construction of a series of compound tables with a high yield of rational and useful sentences without any important omissions nor transgressions against the "principle of frequency" is no easy matter. The series forming the subject of the present book is the outcome of a long period of work and of tentative experiments. The infinite choice of words and of group-words and the infinite possibilities of their distribution and combination, together with the problems attendant upon their co-ordination and compression into a book of digestible proportions, can only result in a work which, although complete enough for all practical purposes, must from its very nature be infinitely completable and perfectible.

The objects of this particular series of substitution tables may be grouped under the nine following headings:

1. To present the most frequently used English words and wordgroups in such a manner as to form the greatest number of useful sentences of general application.
2. To serve as practical ear-training exercises, by the use of which the student will come to understand the most rapid speech.
3. To serve as a series of pronunciation exercises, by the use of which the student will acquire fluency and rapidity of expression with the appropriate stress and intonation.
4. To provide a simple context for each word in such a way as to encourage the student to learn words not as isolated elements but as component parts of living sentences.
5. To serve (in many cases) as a simple scheme of analysis in which the function of the various parts of speech and the nature of group-words are clearly shown.
6. To offer an extensive choice of model sentences to be memorized, and a simple means of converting each memorized sentence into a vast number of others.
7. To enable the teacher to react against five of the vicious tendencies to which most or all language-students are subject, viz. :
(a) The literal translation from the mother-tongue or Synthetic Construction.
(b) The artificial separation of words.
(c) The non-recognition of group-words.
(d) The preference for strong forms.
(e) Over-reliance on visual memory.
8. To form the basis of a series of progressive exercises* in the grammar, inflexions and semantics of Spoken English. For this reason the vocabulary is distributed partly in accordance with the "frequency principle" and partly with a view to progressive study, and is not classified and grouped strictly on grammatical lines.
9. To serve as vocabulary and phrase-book, to be used with a key in the mother-tongue for those who find it necessary or more convenient to study without a teacher.
[^1]
## HOW TO USE THE SUBSTITUTION TABLES IN TEACHING.

The following is the general method to be recommended when working with beginners.

The teacher takes the first sentence of Table I.:
$I$ always do it.
He pronounces it distinctly but rapidly from five to ten times.
The pupil (who is presumed to have some previous notion of English sounds and of phonetic notation) then repeats the sentence several times, endeavouring to reproduce as nearly as possible what he hears.

The teacher corrects any mistakes in pronunciation or enunciation until the pupil can produce the sentence easily and without hesitation.

At this point the teacher may write the sentence on the blackboard* ai o:lweiz du:it
and give the integral translation. Assuming the pupil's language to be French, the equivalence will be Je le fais toujours.

The pupil must "think" the whole sentence without attempting to cut it up into its component parts. He should then repeat the sentence a few more times while "thinking" it.

He is now presumed to have memorized one English sentence and to be able to use and to recognize it.

The teacher then says: I always do it, You always do it, We always do it, They always do it. The pupil repeats and memorizes these four sentences.

The teacher then adds the three words you, we and they underneath the word $I$, and teaches the meaning of each of these either by gestures or by translation. The diagram
ai o:lweiz du:it
ju'

[^2]wi' o:lweiz du:it
ðеі
now constitutes a " simple substitution table."
When this has been sufficiently inculcated, the teacher proceeds on the second stage and says: I always do it, I often do it, I sometimes do $i t$, I rarely do it, I seldom do it, I never do it, I hardly ever do it, and I nearly always do it.

The pupil repeats each sentence after the teacher.
For the sake of perfect clearness the words [ju'], [wi'] and [ Xei ] may be effaced so that the table may stand as a simple (as opposed to a compound) table :

| ai | o:lweiz | du:it. |
| :--- | :--- | :---: |
| $"$ | o:fn | $"$ |
| $"$ | s $\Delta m$ taimz | $"$ |
| $"$ | reəli | $"$ |
| $"$ | seldəm | $"$ |
| $"$ | neve | $"$ |
| $"$ | ha:dlievə | $"$ |
| $"$ | nielio:lweiz | $"$ |

The meanings of the seven new words having been given (and duly noted by the pupil) the two groups may be put in the form of a "compound table."

| ai | o:lweiz | dusit. |
| :--- | :--- | :--- |
| ju' | o:fn |  |
| wi' | s $\wedge$ mtaimz |  |
| Øei | reali |  |
|  | seldəm |  |
|  | nevə |  |
|  | ha:dlievə |  |
|  | nielio:lweiz |  |

in which each of the elements in the first column is put into combination with each of those in the second column, resulting in 32 sentences.

Or, instead of introducing "compound" substitution at this stage, the teacher may pass directly to the last column : I do it, I take it, I see it, I know it, I understand it, I come here, \&c.

These twelve sentences to be repeated and reproduced one by one until fluency is attained, the third simple substitution table to appear on the blackboard and its translation or meaning noted by the pupil.

$$
\begin{aligned}
& \text { ai o:lweiz } \\
& \text { 'dusit } \\
& \text { 'teikit } \\
& \text { 'si:it } \\
& \text { 'nouit } \\
& \text { snda'stændit } \\
& \text { ksm'hiə } \\
& \text { gouto'lındən } \\
& \text { 'gouðعə } \\
& \text { spi:k'ingli§ } \\
& \text { 'telim } \\
& \text { 'azskim } \\
& \text { 'weitforim }
\end{aligned}
$$

The sentences may now be put into compound form, either as

| ai | o:lweiz | 'dusit |
| :---: | :---: | :---: |
| ju' |  | 'teikit |
| wi' |  | 'si:it |
| ðеi |  | 'nouit |
|  |  | anda'stændit |
|  |  | kam'hiə |
|  |  | goutə'lındən 'gouð̌ョ |
|  |  | spi:k'ingliS |
|  |  | 'telim |
|  |  | 'a:skim |
|  |  | 'weitforim |
|  | (48 sente |  |

or

| ai | 'oslweiz | 'du:it |
| :--- | :--- | :---: |
| 'ə.fn | 'teikit |  |
|  | 's^mtaimz | 'sivit |
|  | 'reoli | 'nouit |
| etc. | etc. |  |

(96 sentences),
or

| ai | 'o:lweiz | 'du:it |
| :--- | :--- | :--- |
| ju' | 'o:fn | 'teikit |
| wi' | 'sлmtaimz | 'si:it |
| ðei | 'reəli | 'nouit |
|  | etc. | etc. |

(384 sentences).

It is not suggested that all the 384 sentences should be repeated; not only would this lead to unpleasant monotony but the pupil would probably have attained perfect fluency long before reaching the end of this series of compound permutation.

The five elements of the first column may now be added and treated in the same way :

$$
\begin{aligned}
& \text { jes, ai o:lweiz du:it. } \\
& \text { oujes, } \\
& \text { ofkə:s } \\
& \text { præps } \\
& \text { ðætswai }
\end{aligned}
$$

If the pupil is an absolute beginner, we must not expect miracles at the first séance; we must not expect him to be able to use nor even to recognize every one of the 1920 sentences. He should, however, be able to reproduce any one of them with fluency and be in a position to practise them at home, to build up the compound parts and gradually to assimilate them from the semantic point of view.

As home study the pupil may be given the not uninteresting work of composing (say) 50 sentences and of translating them into his own language.

Alternatively he may be given the native equivalents of (say) 50 of the sentences with a view to working out the English equivalents.

At the next lesson, after a summary recapitulation of the previous work, Table 2 may be treated in the same way.

As there are only two new elements to be introduced (instead of 29 as in the first instance) progress ought to be proportionately rapid, provided always that the pupil has thoroughly assimilated Table 1.

A general and obvious principle to be observed is: always assimilate thoroughly any given table before passing to the following. The success of the system (as indeed of all other systems) may be said to stand or fall according to the observance or non-observance of this allimportant principle.

## GENERAL HINTS.

Probably no two teachers ever use substitution tables in exactly the same way; indeed, one of the charms of the system lies in the variety of the applications of the permutation principle.

Some of the divergencies in treatment may be briefly indicated here.
An interesting variation of the programme described in the foregoing pages is as follows :

For a period of from two to ten lessons do nothing but memorize model sentences (i.e. the first or head sentence of any table). At the first lesson let (say) 20 sentences be repeated and studied in conjunction with their respective integral translations. At each successive lesson the same twenty sentences will be examined, recited, translated, re-translated, acted, thought and concretized.

When every one of the sentences is as familiar to the pupil, and as easy to produce and to understand as the corresponding sentence in his
own language, then let the substitution course proper be commenced and pursued as described.

For pupils whose exclusive aim is the written (as opposed to the oral) aspect of the language, the phonetic script might be replaced by the orthographic. There is, however, this disadvantage, that the orthographic script does not lend itself to the fusion of words. To replace [du: it] by [dusit] is a distinct advantage, but to replace do it by doit would be a proceeding of doubtful value.

Some teachers may have to use the tables with students who have neither received a preliminary phonetic training nor are acquainted with phonetic symbols. In this case the tables must themselves serve as an introduction to phonetics and be used for phonetic drill. Obviously, progress under these conditions will be much slower and far less satisfactory.

For pupils who have already acquired certain notions of English and wish to gain fluency and correctness of expression there is no need to observe any particular sequence in the tables. No harm can be done by starting at Table 20 , or 50 , or any other.

Used as a companion to a grammar book, the appropriate table will be chosen for each lesson. If the pupil is learning the formation of the preterite, he may profitably go through Tables $17,38,85$ and 91 . Tables $56,57,58$ and 59 constitute exercises on the past participle. Tables 36 and 37 exemplify the rules concerning the Dative or Indirect Object, etc., etc.

Translating from the mother-tongue into English is generally a pernicious form of exercise, resulting, as it often does, in false conceptions of the nature of language and its study, and in the habit of artificial sentence construction.

A form of translation exercise which is free from these disadvantages is the following one: Let us assume the pupil to be French and that he has memorized the model sentence of Table 57 and its substitutive elements. We remind the pupil that the model It is sold every day
is equivalent to On le vend tous les jours. We then ask him to translate rapidly and successively the following sentences: On le vend tous les jours, On l'achète tous les jours, On l'entend tous les jours, On le perd tous les jours, On le trouve tous les jours, On y répond tous les jours, On l'ouvre tous les jours, On le ferme tous les jours, On le laisse ici tous les jours, etc., etc.

The result of such integral translation will be a proper appreciation of the semantic value of the English sentences and a valuable corrective to the habit of literal translation.

Differences of opinion exist as to the right moment to introduce the orthographic form. Some teachers would work exclusively with phonetic script for a year, and then, considering that it has duly played its part, would henceforth make exclusive use of traditional orthography. Others would use both forms simultaneously.

Neither of these extremes give the impression of soundness; probably the ideal course lies somewhere between the two.

A safe principle to adopt is to withhold the orthographic form of any given table until it. has been thoroughly memorized and concretized. When the pupil can reel off a few dozens of the combinations fluently, and has learnt their meaning, no harm can be done in introducing the traditional spelling of that particular table; the good habit will have been formed and the orthographic burlesque will be powerless to undo it.

The introduction of the orthographic script may serve as a useful recapitulation. Let us say that the first seven tables have been worked through; while the eighth and following tables are being presented and studied in phonetic form the pupil may go over the first seven in the form of home work written in the traditional spelling. By referring to the companion book to the present work ("Progressive Exercises in Colloquial English ") the reader will see how this suggestion is worked out in practice. An interesting exercise is the converting of sentences from one script to the other, strengthening as it does both visual and auditive associations by cross-comparison.

More haste, less speed. The writer's experience has proved to him the truth of this dictum as applied to substitution tables. The model sentence must be perfectly memorized before substituting any of its elements. The formula for memorizing is simple but often imperfectly realized: repeat the required sentence exactly in the same way so many times a day until the succession of sounds is produced automatically and without any conscious effort.

## LIST OF PHONETIC SYMBOLS.

PHONETIC SYMBOL. KEY WORD.
Vowels.

| Phonetic form. | Orthographic form. |
| :---: | :---: |
| si: | see |
| giv | give |
| ten | ten |
| bæk | back |
| kıt | cut |
| tu: | too |
| buk | book |
| o:l | all |
| stop | stop |
| a:sk | ask |
| fa:st | first |
| $\partial^{\prime}$ gein | again |

DIPhthongs.

| ei | leit | late |
| :---: | :---: | :---: |
| ai | faiv | five |
| ou | gou | go |
| au | nau | now |
| ขi | boi | boy |
| iə | dia | dear |
| عə | wยə | where |
| นә | Juə | sure |

## Consonants.

| p | put | put |
| :---: | :---: | :---: |
| b | bi: | be |
| t | teik | take |
| d | du: | do |
| k | kım | come |
| g | gou | go |
| m | mai | my |
| n | nou | no |
| ๆ | brin | bring |
| w | weit | wait |
| f | faiv | five |
| v | veri | very |
| $\theta$ | $\theta$ in | thin |
| б | ðеп | then |
| r | red | red |
| s | sou | so |
| z | rouz | rose |
| $\int$ | SAt | shut |
| 3 | plezə | pleasure |
| j | jes | yes |
| h | kæt | cat |
| 1 | laik | like |

Various.

| $t \int$ | tje:tf | church |
| :--- | :--- | :--- |
| $d z$ | $d_{3} A d_{3}$ | judge |

indicates that the following syllable is stressed.
: indicates that the vowel to which it is attached is long.

- indicates that the vowel to which it is attached may be long or short according to the degree of stress.
$r$ is to be pronounced as [r] when the following word begins with a vowel; in other cases it is not pronounced at all.

Symbols printed in italics indicate sounds generally omitted in rapid speech.

Table 1.
27 simple and 2,304 compound permutations．

|  | I． | II． | III． | IV． |
| :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 5 6 6 7 8 9 10 11 12 | ＇jes， ＇ou＇jes， of＇koss ＇præps ＇$犭 æ t s w a i ~$ | ai <br> ju＇ <br> wi＇ <br> ðеі | ＇o：1weiz <br> ＇o：fn <br> ＇samtaimz <br> ＇reeli <br> ＇seld $\partial m$ <br> ＇never ${ }^{\text {r }}$ <br> ＇ha：dli＇ever ${ }^{\text {r }}$ <br> niali＇o：lweiz | ＇du：it． <br> ＇teikit． <br> ＇si：it． <br> ＇nouit． <br> anda＇stændit． <br> kam＇hio． <br> gouta＇landən． <br> ＇gouðぇə． <br> spi：k＇inglif． <br> ＇telim． <br> ＇a：skim． <br> ＇weitforim． |

Table 2.
34 simple and 7,728 compound permutations．

|  | I． | II． | III． | IV． | V． |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 5 6 7 8 9 | ว ${ }^{\prime}$ ko：s <br> præps <br> ju＇si： <br> aim＇glæd <br> aim＇sori <br> aim＇${ }^{2}:^{r}$ <br> （or aim＇Suar ${ }^{\text {r }}$ ） <br> aim＇sa：tn | ai <br> ju＇ <br> wi＇ <br> ðеі | dount <br> didnt <br> 1 <br> wount <br> kən <br> ka：nt <br> most <br> masnt <br> Sol <br> 〕a：nt | ＇0：lweiz <br> ＇o：fn | ＇du：it． <br> ＇teikit． <br> ＇sisit． <br> ＇nouit． <br> andə＇stændit． <br> kam＇hia． <br> gouta＇landon． <br> ＇gouðョョ． <br> spi：k＇igglif． <br> ＇telim． |
| 11 12 | ¢olai |  |  |  | ＇a：skim． <br> ＇weitforim． |


|  | I． | II． | III． | IV． | V |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 5 6 7 8 9 10 11 12 | － <br> ＇nou， <br> ＇ou＇nou， <br> of＇ k ว：s <br> ＇præps <br> ＇Xætswai <br> ＇veri＇wel， <br> ＇o：l＇rait， <br> ＇neva＇maind， <br> it＇dızn＇mæta， <br> bi＇saidz， | hi <br> Si． <br> 犭еі <br> ＇dzən | ＇didnt <br> 1 <br> wount <br> kən <br> ka：nt <br> mast <br> masnt | ＇si： <br> ＇nou <br> anda＇stænd <br> ＇tel <br> ＇a：sk <br> ＇weitfor ${ }^{\text {r }}$ <br> （or＇weitfer ${ }^{\text {r }}$＊ <br> ＊weitfor or weitfar before im，$\theta^{\prime}$ and as ；weitfo：or weitfo before mi＇， ju＇，him，ho＇and бәm；weitfo in the other cases． | mi． <br> ju＇． <br> him． <br> $h^{2}$ ． <br> อง． <br> ðәт． <br> ＇ Xi ． <br> ’ææ． <br> ＇xizz． <br> ’ðouz． <br> ðі＇＾дә． <br> $\chi_{i}{ }^{\prime} \wedge$ ðәz． |

## Table 4.

29 simple and 1,008 compound permutations．

|  | I． | II． | III． |
| :---: | :---: | :---: | :---: |
| 1 | d ${ }^{*}$ | ju＇ | ＇du：it？ |
| 2 | dount | wi | ＇teikit？ |
| 3 | did | ðеі | ＇si：it？ |
| 4 | didmt | $\chi_{i}{ }^{\prime}$ „Әəz | ＇nouit？ |
| 5 | wil | jo＇frendz | anda＇stændit？ |
| 6 | wount | ＇pi：pl | kım＇hiə ？ |
| 7 | kən | 才i＇＾ðə＇рi：pl | goute＇lından ？ |
| 8 | ka：nt |  | ＇gouðモө？ |
| 9 | most |  | spi：k＇inglij？ |
| 10 | masnt |  | ＇telim？ |
| 11 | waidə＊ |  | ＇askkim？ |
| 12 | wendid |  | ＇weitforit？ |

＊də becomes $d u^{\prime}$ or $d \mathbf{w}$ when the following word begins with a vowel．

|  |  |  |
| :---: | :---: | :---: |
| 1 | ail'du:it | to'dei. |
| 2 | ai'wount'du:it | to'morou. |
| 3 | ju'ka:nt'telim | 才is'wisk. |
| 4 | hi l'kam | $\chi_{\text {is' }} \mathbf{m a n} \theta$. |
| 5 | aimost'goutə'lindon | ð ¢ $^{\prime} \mathrm{j}$ \%\%. |
| 6 | hill'nouit | 'Xistaim. |
| 7 | ai'masnt'teikit | 'nekst'wirk. |
| 8 | ju'l'si:ðam | on'sandi. |
| 9 | wi'kən'kam'hiə ${ }^{\text {r }}$ | 'nekst'ssndi. |
| 10 | 'du:it | at'wanə'klok |
| 11 | 'dount'du:it | in'mast 5 . |
| 12 | ai ' $k a=n t^{\prime}$ si:im | 'nekst'ma:tf. |

## Table 6.

23 simple and 144 compound permutations.
I.

## II.

'jestedi.
la:st'wi:k.
la:st'msn $\theta$.
la:st'jə:.
la:st'taim
on'sandi.
la:st'sandi.
at'wan'oklok.
in'má:ts.
la:st'ma:tf.
$i n^{\prime}{ }^{\prime} d z u=n$.
ðen.

41 simple and 69,120 compound permutations．

|  | I． | II． | III． | IV． | V． | VI． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 3 4 5 6 7 8 9 10 11 12 | hill <br> hi＇wount <br> hi＇didnt <br> hi＇kan <br> hi＇$k a: n t$ <br> Si mast <br> fi＇masnt <br> ＇dount <br> ＇pli：zdount <br> ＇waididntju＇ | ＇tel <br> ＇a：sk <br> ${ }^{\prime}$＇lau <br> əd＇vaiz | mi <br> ju＇ <br> $h \mathrm{hm}$ <br> ho＇ <br> әs <br> ðәт | to <br> nottə | ＇du：it <br> ＇teikit <br> kım ${ }^{\prime}{ }^{\prime}{ }^{\text {r }}$ <br> gouta＇lındən <br> spi：k＇inglif <br> ＇a：skim <br> ＇weit <br> ＇weitforim <br> ＇gouð६ə <br> ＇bi：hiə <br> ＇bi：ðєョ <br> ＇weitðॄョ | ta＇dei． <br> to＇deiə＇ta＇mərou． <br> 犭is＇wi：k． <br> nekst＇mın $\theta$ ． <br> nekst＇taim． <br> on＇sandi． <br> on＇tju：zdi． <br> nekst＇ssndi． <br> nekst＇tju：zdi． <br> nekst＇wi：k． <br> nekst＇mın $\theta$ ． <br> nekst＇jəz． |

Table 8.
32 simple and 1,440 compound permutations．

|  | I． | II． | III． |
| :---: | :---: | :---: | :---: |
| 1 | ＇telimits | mai | ＇hæt． |
| 2 | ＇telðamits | jo＇ | ＇buk． |
| 3 | ＇izit | hiz | ＇t¢£． |
| 4 | i＇tiznt | $h^{\prime}$ | ＇neim． |
| 5 | aikən＇si： | auว | ＇haus． |
| 6 | ＇weədidju＇si： | ðєə | ＇leto． |
| 7 | ＇telimi＇tiznt | ðә | ＇kwestjn． |
| 8 | of＇ko：sits | ə | ＇lesn． |
| 9 | ＇præpsits | mai＇frendz | ＇frend． |
| 10 | əf＇kəssi＇tiznt | mai＇fa：Әәz | ＇fa： Јә．$^{\text {¢ }}$ |
| 11 |  | ＇dzonz | ＇hætənd＇buk． |
| 12 |  | jo＇frendz | ＇neiməndə＇dres． |

Table 9.
22 simple and 432 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 <br> 2 <br> 3 <br> 4 <br> 4 <br> 5 <br> 6 <br> 7 | 'jes,' 'telimits 'nou,'dount'telimits 'pli:z'telimits 'izit 'telimi'tiznt didju'telimebaut | mai jərr hiz hə' auər ðвər ði ən mai'oun jo'roun hi'zoun aua'roun | 'a:nse. <br> ${ }^{9}$ 'dres. <br> a'pinjən, <br> ai'dio. <br> 'ofis. <br> sm'brela. |

Table 10.
24 simple and 576 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ai'didnt'si: | $\chi_{ө}$ | 'hæts |
| 2 | 'didju'si: | mai | 'buks. |
| 3 | ai'ka:nt'si: | jo | 'tfeez. |
| 4 | 'weədidju'si: | $h \mathrm{iz}$ | 'neimz. |
| 5 | ' $\mathrm{i}: z^{\text {a }}{ }^{\text {r }}$ | $h^{\prime}$ | 'hauziz. |
| 6 | 'ðouze ${ }^{\text {r }}$ | auə | 'letoz. |
| 7 |  | ðєə | 'kwest ${ }^{\text {n }}$ z. |
| 8 |  | tu: | 'lesnz. |
| 9 |  | Өri: |  |
| 10 |  | ¢0: |  |
| 11 |  | $\partial^{\prime} \mathrm{fju}$ : |  |
| 12 |  | $\partial^{\prime}$ lotəv |  |

31 simple and 1,296 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | 'teik | 'wan | - |
| 2 | 'pli:z'teik | 'tu: | 'əvði:z. |
| 3 | ail'teik | ' $\theta$ ri: | әv'ðouz. |
| 4 | aikən'si: | '£๐: ${ }^{\text {r }}$ | әуði'^ðəz. |
| 5 | ai'nou | 'faiv | өvðə'letəz. |
| 6 | ai^nda'stænd | 'siks | əvðə'buks. |
| 7 | ju'didnt'teik | 'sevn | อv'itts |
| 8 | didju'teik | 'eit | əndə'ha:f. |
| 9 | didju'si: | 'nain | əndə'kwo:tə. |
| 10 | 'waididi''teik | 'ten |  |
| 11 | 'telimta'teik | i'levn |  |
| 12 | kənai'teik | 'twelv |  |

## Table 12.

23 simple and 144 compound permutations.

|  | I. | II. |
| :---: | :---: | :---: |
| 1 | ai | 'ki:pit. |
| 2 | ju' | bi'ginit. |
| 3 | wi' | 'finijit. |
| 4 | беі | 'stei'hio. |
| 5 | ai'dount | 'putit'hia. |
| 6 | ai'didnt | ri'membrit. |
| 7 | ail | fo'getit. |
| 8 | ai'wount | 'laikit. |
| 9 | aikən | 'ki:p'Xis. |
| 10 | ai'ka=nt | 'finis'ðæt. |
| 11 | aimost | 'putit'ðєə. |
| 12 | ai'masnt | 'stei' ${ }^{\text {¢ }}$ ¢ә. |

34 simple and 1,728 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | aiməst | 'teik | 'main. |
| 2 | 'telimte*' | 'si: | 'jozz. |
| 3 | ail'telo'to* | 'ki:p | 'hiz. |
| 4 | 入eil'telasta* | bi'gin | 'hə:z. |
| 5 | ai'ka:nt | 'finis | 'auəz. |
| 6 | ail | ri'membə ${ }^{\text {r }}$ | 'ðєəz. |
| 7 | ai' wount | 'faget | 'dzənz. |
| 8 | ai'didnt | 'weitfor | wan. |
| 9 | 'didntai | 'a:skju'te'teik | $\mathrm{a}^{\prime}$ litl. |
| 10 | 'didntwi' | 'telju'ta'teik | ${ }^{\prime}$ 'fju: |
| 11 | 'wendidai | 'givju' | $\mathrm{a}^{\prime}$ lot. |
| 12 | 'waididju' | 'lendju' | i'naf (or $\theta^{\prime} \mathrm{naf}$ ). |

* [tu] when the following word begins with a vowel.

Table 14.
34 simple and 1,728 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | hi | 'dszit | 'evri | 'dei. |
| 2 | $\mathrm{Si}^{\text {i }}$ | 'teiksit |  | 'wi:k. |
| 3 | hu' | 'ki:psit |  | 'mane. |
| 4 | 'præpsi' | bi'ginzit |  | 'jə:. |
| 5 | hi' ${ }^{\prime}$ telzmi $\left(\chi_{\text {d }}\right.$ ) $\mathrm{i}^{\text {, }}$ | 'finiSizit |  | 'fo:tnait. |
| 6 | hi' ${ }^{\text {nouz }}$ ( $\partial \mathrm{t}$ ) i ' | 'laiksit |  | $\wedge^{\text {¢ }}$ ¢ ${ }^{\prime}$ dei. |
| 7 |  | 'givzju'wan |  | ^ঠə' taim. |
| 8 | hi' ${ }^{\prime} \mathrm{siz} z\left(\gamma_{\partial} \mathrm{t}\right) \mathrm{i}$ ' | 'lendzju'wan |  | ' $\theta$ ri:' wi:ks. |
| 9 | Si'ri'membəz $\left(\begin{array}{l}\text { ¢ }\end{array}\right.$ ) $\mathrm{i}^{\prime}$ | 'gouzta'lından |  | 'mosnip. |
| 10 | hi' neve | 'spi:ks'ingli§ |  | a:ftə'nu:n. |
| 11 | hi' ${ }^{\prime}$ kımzend | 'steiz'hior ${ }^{\text {r }}$ |  | 'i:vni!. |
| 12 |  | 'putsit'hiar |  | 'deiiksept'swtedi. |

Table 15.
27 simple and 720 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | hi' ${ }^{\prime}$ dsznt | 'oxlweiz | 'du:it. |
| 2 | Si' ${ }^{\text {d }}$ aznt | 'oxfn | 'teikit. |
| 3 | dazi | 'dzenreli | 'si:it. |
| 4 | 'diznti' | 'ju:zuali | 'nouit. |
| 5 |  | 'rieli | and ${ }^{\text {a }}$ stændit. |
| 6 | af'kəssi' ${ }^{\text {d }}$ ¢znt |  | 'ki:pit. |
| 7 | 'waidəzi' |  | bi'ginit. |
| 8 | 'haudəzi' |  | 'finijit. |
| 9 | mai'frend'dsznt |  | fa'getit. |
| 10 | dəzjo:'frend |  | ri'membarit. |
| 11 | dəzjo: ${ }^{\text {fa: }}$ ¢ ${ }^{\text {r }}$ |  | 'stei'hio. |
| 12 | 'waidszntjo:'frend |  | 'putit'hie. |

Table 16.
34 simple and 1,728 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | hi'l'si:mi' | if | ai'du:it. |
| 2 | hi' 'wount'si:mi | wen | ai'teikit. |
| 3 | hi' ${ }^{\prime}$ ka:nt'si:mi | til | aigouta'lındən. |
| 4 | hi $\mathrm{l}^{\prime}$ kım ${ }^{\prime} \mathrm{hio}^{\text {r }}$ | ən'til | aibi'ginit. |
| 5 | hi' 'wount'ksm'hiar ${ }^{\text {r }}$ | bi'fors ${ }^{\text {r }}$ | ai'finiSit. |
| 6 | hi' 'dzenroli'telzmi' | bi'kəz | ai'telim. |
| 7 | hi'ju:zuali'telzmi ${ }^{\prime}$ | əz'su:nəz | ai'stei. |
| 8 | hi'z'pli:zd | d $z^{\prime}$ rek $t$ li | ai putit'hio. |
| 9 | hi'z'glæd | an'les | ai'givju'wan. |
| 10 | hi'z' ${ }^{\prime}$ sori | 'i:vnif | ai'lendju'wın. |
| 11 | hi'z'hæpi | sins | ai a:skforit. |
| 12 | hi'zdise'pointid | - ${ }^{\prime}$ ' $\quad$ ou | ai'gou. |


|  | I. | II. |
| :---: | :---: | :---: |
| 1 | of'ko:sai | 'didit. |
| 2 | ai telju'hi' | 'tukit. |
| 3 | airi'membəd(ðət)ai | 'geivju'wan. |
| 4 |  | 'keptit. |
| 5 | ai'a:sktimweðəri' | bi'gænit. |
| 6 | ai'keimbi' forrai | 'finiStit. |
| 7 | ai'touldim( (\%t) ai $^{\text {a }}$ | 'lentju'wan. |
| 8 | aifo'got(ðət)ai | wentte'landən. |
| 9 | ai'steid'hiəbikəzai | spouk'íglij. |
| 10 |  | putit'hio. |
| 11 | 'sambədi | 'laiktit. |
| 12 | 'evribodi | anda'studit. |

Table 18.
23 simple and 144 compound permutations.
I.
II.
on'mandi.
la:st' $\theta$ o:zdi.
in'mei.
in'orgóst.
ot'ha:f'pa:st'ten.
ðәs'mə:niŋ.
ðəsa:fta'nu:n.
ðәs'i:vniŋ.
'jestədi'mə:niŋ.
'jestədia:ftə'nu:n.
'jestədi'i:vniy.
' $\quad$ en.

Table 19.
30 simple and 1,152 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 2 3 4 5 6 7 8 9 10 11 12 | ai' ${ }^{\prime} \operatorname{ing}\left(\partial_{2} t\right)$ <br> aiiks' pekt ( $\partial t$ t) <br> aibi ${ }^{\prime} \operatorname{liv}\left(\right.$ б $\left.^{2} \mathrm{t}\right)$ <br> ais ${ }^{\prime}$ pouz ( д $^{2}$ ) <br> ai'houp(ðət) <br> ai'mi:n(ðдt) <br>  <br> hi'iks'pekts( д $^{\prime}$ t) <br> hi'bi ${ }^{\prime} \mathrm{li}: \mathrm{vz}$ ( $\left.\partial \mathrm{t} \mathrm{t}\right)$ <br> hi'sa'pouziz( дıt $^{2}$ ) <br> hi' ${ }^{\prime}$ houps $\left(\chi_{2}\right.$ t) <br>  | ail'finis'evri日in ail'sissım $\theta$ in will'si:'evribodi will'sissambadi . itlbi'gin 'sambadial'kam 'sambədial'teikit 'evribodial'nou | on'mandi. <br> nekst ${ }^{\prime}$ Өa:zdi. <br> in'mei. <br> in'o:gast. <br> ət'ha:fpa:st'ten. <br> ðәs'mə:niŋ. <br> ðәsa:fte' nu:n. <br> Øәs'i:vniŋ. <br> ta'moro' mo:niy. <br> ta' moroua:ftə'nu:n. <br> ta'morou'i:vniŋ <br> 'ðen. |

## Table 20.

34 simple and 1,728 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ail'du:itif | aim | 'hia. |
| 2 | hi' ${ }^{\prime}$ inks ( drt $^{\prime}$ ) | $\mathrm{hi}^{\prime} \mathrm{z}$ | 'ðรә. |
| 3 | hi'bi'li:vz ( $\partial \mathrm{yt}$ ) | Si'z | 'in. |
| 4 | hi' 'houps ( дt $^{\prime}$ ) | wi'ə ${ }^{\text {r }}$ | at'houm. |
| 5 | hissa' pouziz( ¢ $2 t$ ) $^{\text {a }}$ | j ${ }^{\text {r }}$ | 'aut. |
| 6 |  | ðєə ${ }^{\text {r }}$ | $\mathrm{o}^{\prime}$ wei. |
| 7 |  | aim'nat | 'bæk. |
| 8 | $\mathrm{hi}^{\prime} \mathrm{d}_{\wedge} \mathrm{zn} t^{\prime} \mathrm{nou}\left(\chi_{\partial t}\right.$ ) | hi' ${ }^{\prime}$ iznt | ^p'steəz. |
| 9 | 'dountfz'get(ðət) | Si' ${ }^{\prime}$ iznt | daun'straz. |
| 10 | 'pli:z'dount'telim( $\chi^{\prime}$ t) | wio' not | in'lındən. |
| 11 | 'haudju'nou(\%дt) | jo'not | in'inglənd. |
| 12 | 'wai'dountju' telim( (zt) $^{\text {a }}$ | ðєə' $n$ ¢ | in'fra:ns. |


|  | I． | II． | III． |
| :---: | :---: | :---: | :---: |
| 1 | its | － | ＇blæk． |
| 2 | i＇tiznt | ＇veri | ＇wait． |
| 3 | ＇izit | ＇ra： ＇ro $^{\text {a }}$ | ＇red． |
| 4 | ai＇telju＇（ðət）its | ＇tu： | ＇blu：． |
| 5 | ail＇teikitbi＇kozits | ＇sou | ＇la：dz． |
| 6 | aim＇glæd（бวt）its | ＇kwait | ＇big． |
| 7 | aim＇pli：zd（ $\partial \partial \mathrm{t})$ its | sou＇veri | ＇smosl． |
| 8 | aim＇sori（ðวt）its | ＇feali | ＇nju：． |
| 9 |  | ＇priti | ＇ould． |
| 10 | aim＇sə： $\operatorname{tn}\left(\chi^{\text {at }}\right.$ ）its |  | ＇gud． |
| 11 |  |  | ＇bæd． |
| 12 | aisz＇pouz（ $\chi$ วt）its |  | ＇nais． |

## Table 22.

34 simple and 1,728 compound permutations．

|  | －I． |  | III． |
| :---: | :---: | :---: | :---: |
| 1 | ＇haudju＇${ }^{\text {nou }}$（ $\chi_{\text {t }}$ ） | aim | ＇taied（？） |
| 2 |  | $h^{\prime} \mathrm{z}$ | ＇bizi（\％） |
| 3 |  | Si＇z | ＇redi（i） |
| 4 | ＇telim（ дıt $^{\text {a }}$ | wi ${ }^{\text {r }}$ | ＇fri：（\％） |
| 5 | ＇dount＇telim（ ¢ $^{\text {at）}}$ | jor ${ }^{\text {r }}$ | ＇rait（\％） |
| 6 | ai＇sei（ ¢ $^{\text {a }}$ ） | ঠєя ${ }^{\text {r }}$ | ＇roŋ（ ${ }^{\text {（ })}$ |
| 7 | hi＇sez（ $\mathrm{\partial}_{\text {at }}$ ） | aim＇not | ＇ould（\％） |
| 8 | ＇dourt＇sei（ $\partial \partial \mathrm{t}$ ） $\mathrm{D}^{\text {？}}$ ？ | hi＇＇iznt | ${ }^{\prime} \mathrm{j} \wedge \mathrm{y}$（？） |
| 9 | ai＇dount＇sei （ $_{\text {at }}$ ） | Si，＇iznt | ＇bete（？） |
| 10 | dju＇ $\operatorname{link}^{( }$（ $\partial \mathrm{t}$ ） | wio＇nət | ＇glæd（？） |
| 11 | ju＇si：（ $\partial \mathrm{t}$ t） | jor＇nっt | ＇plizzd（\％） |
| 12 | ai＇dountnou＇wai | ðع⿰㇒夫＇nət | ＇sori（？） |


|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | amai | 'อ:lweiz (or o:lwəz) | 'his ? |
| 2 | izi ${ }^{\text {r }}$ | '0.fn | ' 'ঠ¢๐ ? |
| 3 | izfi' (or iffi') | 'dzenreli | ot'houm? |
| 4 | owi | 'ju:zuəli | in'inglənd? |
| 5 | әju' | 'stil | in'fra:ns? |
| 6 | əðеi | 'evor | in'beldzom ? |
| 7 | ' $\alpha$ :ntai | nioli' 0 :lweiz | $\mathrm{in}^{\prime} \mathrm{d} 3 \boldsymbol{2}$ :məni ? |
| 8 | 'iznti' |  | in'rajo ? |
| 9 | 'iznt $\mathrm{i}^{\prime}$ ' |  | in'denma:k? |
| 10 | 'a:ntwi' |  | in'swi:dn? |
| 11 | 'a:ntju' |  | in'no:wei? |
| 12 | 'a:ntðei |  | inə'merikə? |

## Table 24.

28 simple and 864 compound permutations.

|  |  | I. | II. | III. |
| ---: | :--- | :--- | :--- | :--- |

## 27 simple and 720 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 5 5 6 7 8 9 10 11 12 | həvju' (or 'hævju') <br> həvai (or 'hævai) <br> həvwi' (or 'hævwi) <br> həvðei (or 'hævðei) <br> həzi' (or 'hæzi') <br> $h_{23} \mathrm{fi}^{\prime}\left(\right.$ or ${ }^{\prime} \mathrm{h} æ \mathrm{~S}_{\mathrm{i}}$ ) <br> 'hævntju' <br> 'hævntai <br> 'hæuntwi' <br> 'hævnt' ðei <br> 'hæznti' <br> 'hæznt $t \mathrm{i}$ ' | 'got | ${ }^{\prime}$ la:d3 <br> a'smo:l <br> ${ }^{\text {a }}$ 'gud <br> ${ }^{\prime}$ 'bæd <br> ${ }^{\prime}$ 'blæk <br> ${ }^{\circ}$ 'wait <br> ðə'la:dz <br> ðə ${ }^{\prime}$ litl <br> 犭ә' rait <br> ðә' гэŋ <br> 'ra:ðərə'la:dz <br> ө'veri'la:dz | wan? <br> piss? <br> pa:t? <br> 'hæt? <br> 'buk ? |

## Table 26.

23 simple and 144 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ai | 'wontta | 'dusit. |
| 2 | ju' |  | 'teikit. |
| 3 | wi' |  | 'weitforit. |
| 4 | ai'dount |  | 'telim. |
| 5 | hi' ${ }^{\prime}$ dsznt |  | bi'hiə. |
| 6 | ai'didnt |  | bi'redi |
| 7 | dju' |  | 'hævit. |
| 8 | dozi' (or 'dszi') |  | 'hævwan. |
| 9 | 'didju' |  | 'hæva'pissovit. |
| 10 | 'didntıju' |  | 'hæve'pa:tovit. |
| 11 |  | tste | 'hæwwan'dzast'laik' ${ }^{\text {cis. }}$ |
| 12 |  | tidta | 'hærw.nn'd3ıst'laik' ${ }^{\text {d }}$ \%t. |

27 simple and 624 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ai | 'wont | it. |
| 2 | ju' | 'wontto'teik | ðәm. |
| 3 | wi' | 'wontto'hæv | $a^{\prime}$ buk. |
| 4 | ai'dount | 'wontto'si: | im. |
| 5 | hi' dsznt | 'wonttusnd ${ }^{\text {' }}$ stænd | ' O is. |
| 6 | ai'didnt |  | ' 犭æt. |
| 7 | dju' |  | ' $\mathrm{X} \mathrm{i}: \mathrm{z}$. |
| 8 | dzzi' (or 'dızi') |  | 'ðouz |
| 9 | 'didju' |  | $\partial^{\prime}$ piesovit. |
| 10 | 'didntju |  | $\partial^{\prime}$ pastovit. |
| 11 |  | vonts | wan'dzast ${ }^{\text {l }}$ laik' ${ }^{\text {dis. }}$ |
| 12 |  | ontid | wan'dz.ıst ${ }^{\prime}$ laik' ${ }^{\prime}$ æt. |

Table 28.
34 simple and 1,728 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | aiwzz | 'hia ${ }^{\text {r }}$ | 'ðen. |
| 2 | hi'wzz | 'ðとə ${ }^{\text {r }}$ | on'wenzdi. |
| 3 | Si'wzz | 'in | in'eiprol. |
| 4 | wi'wa ${ }^{\text {r }}$ | at'houm | əta'kwo:tətə'sevn. |
| 5 | ju'war ${ }^{\text {r }}$ | 'aut | wenju' ${ }^{\text {keim. }}$ |
| 6 | ðeiwar ${ }^{\text {r }}$ | $\mathrm{a}^{\prime}$ wei | wenju'so:mi'. |
| 7 | ai' woznt | 'taiad | wenju' wontidmi' |
| 8 | hi' ${ }^{\text {'waznt }}$ | 'bizi | wenju'touldim. |
| 9 | Si', woznt | 'redi | wenjukeim'in |
| 10 | wi' ${ }^{\prime}$ wa:nt | 'fri: | ${ }^{\text {' }}$ 'fju'deiza'gou |
| 11 | ju'wa:nt | 'rait | a'lontaimə'gou. |
| 12 | ðе1'wə:nt | 'ron |  |

## 23 simple and 144 compound permutations.

|  | I. | II. |
| :---: | :---: | :---: |
| 1 | wozai (or 'wozai) | 'bæk |
| 2 | wazi (or 'wozi') | ıp'steəz? |
| 3 | w 23 Si ( (or 'woz $\mathrm{Si}^{\text {i }}$ ) | daun'steaz? |
| 4 | wa'wi' (or 'wa:wi') | in'ingland? |
| 5 | wə'ju' (or 'wazju ) | in'landen? |
| 6 | wə'ðei (or 'wa:ðei) | in'fra:ns? |
| 7 | 'wozntai | 'wel ? |
| 8 | 'woznti' | 'beta? |
| 9 | 'woznt $\mathrm{J}^{\text {i }}$ | '§o: (or '§uə) ? |
| 10 | 'wa:ntwi' | 'hangri? |
| 11 | 'wə:ntju' | ' $\theta$ assti ? |
| 12 | 'wa:ntðei | 'sli:pi? |

Table 30.
23 simple and 144 compound permutations.
I.

## II.

ðєә.
'houm.
tu'inglond.
t $\boldsymbol{\theta}^{\prime}$ fra:ns.
ta'beldzəm.
tə ${ }^{\prime}$ dzə ${ }^{2}$ məni.
ta'rafo.
təðə'poust.
taða'stei§n.
taði' ofis.
tuə'merikə.
tədzə' pæn.

|  | I． | II． | III． |
| :---: | :---: | :---: | :---: |
| 1 | aid | ＇got | ＇Xis． |
| 2 | ju＇d |  | ＇犭æt． |
| 3 | wi＇d |  | ＇Xiswan． |
| 4 | ðeid |  | ＇ ¢ætwan． |
| 5 | hi＇d |  | ＇ði：z． |
| 6 | fid |  | ＇ ouz |
| 7 | ai＇hædut |  | a＇gudwan． |
| 8 | ju＇hædnt |  | ðә＇gudwan． |
| 9 | hi＇ h ¢dnt |  | ðə＇gudwanz． |
| 10 | Si＇hædnt |  | $\partial^{\prime}$ плðә． |
| 11 | wis＇hædnt |  | $\chi^{\prime}{ }^{\prime}{ }^{\prime}$ ðә。 |
| 12 | ðei＇hædnt |  | $\chi^{\prime}{ }^{\prime}$＾ðəz． |

## Table 32.

34 simple and 1,728 compound permutations．

|  | I． | II． | III． | IV． |
| :---: | :---: | :---: | :---: | :---: |
| 1 | hədju＇（or＇hædju＇） | ＇gət | ＇$\because ə$ a＇ti：n＊ | －？ |
| 2 | hədai（or＇hædai） |  | ＇fo：＇ti：n＊ | ＇buks？ |
| 3 | hədi＇（or＇hædi） |  | ＇fif＇ti：n＊ | ＇t〕๕əz？ |
| 4 | hədSi＇（or＇hædSi＇） |  | ＇siks＇${ }^{\text {cisn＊}}$ | ＇neimz？ |
| 5 | hədwi＇（or＇hædwi＇） |  | ＇sevn＇ti：n＊ | $\partial^{\prime}$ dresiz ？ |
| 6 |  |  | ＇ei＇ti：n＊ | ＇Аðәz？ |
| 7 | ＇hædntju＇ |  | ＇nain＇ti：n＊ | әv＇${ }^{\prime} \mathrm{i}:$ z？ |
| 8 | ＇hædntai |  | ＇twenti | әv＇ðouz？ |
| 9 | ＇hædnti＇ |  | ＇twenti＇wan | әvði＇＾ðәz？ |
| 10 | ＇hædnt $\mathrm{j}^{\text {i }}$ |  | ＇twenti＇tu： | әv＇main ？ |
| 11 | ＇hædntwi |  | ＇twenti＇ ＇ri： | әv＇jo：z？ |
| 12 | ＇hædntðei |  | ＇twenti＇fo：${ }^{\text {r }}$ | จขðəm？ |

34 simple and 1,728 compound permutations:

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | ail (or aijal). | bi | 'hior ${ }^{\text {r }}$ | on'wenzdi. |
| 2 | ju'l |  | ' $\chi \varepsilon \square^{\text {r }}$ | on'fraidi. |
| 3 | hill |  | 'in | on'sætadi. |
| 4 | will (or wi'fal) |  | et'houm | in'duxu:n. |
| 5 | ðeil |  | 'houm | indzu' ${ }^{\text {aid. }}$ |
| 6 | mai'frendl |  | 'aut | insep'tembe. |
| 7 | ai'wount (or ai' S : $\mathrm{n}^{\prime}$ ) |  | $\mathrm{a}^{\prime}$ wei | 'nekst' wenzdi. |
| 8 | ju'wount |  | 'bæk | ot'faivta'sevn. |
| 9 | hi' wount |  | ^p'stzəz | ot'faivpa:st' nain . |
| 10 | wi' wount (or wi' $\int a: n t$ ) |  | in'landən | 'prezntli. |
| 11 | ðei'wount |  | 'redi | 'leita'ron. |
| 12 | mai'frend'wount |  | 'fri: | da'rektli. |

## Table 34.

34 simple and 1,728 compöund permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ðаzә | 'buk | ðєə. |
| 2 | ðə'riznta | 'tyear | hio. |
| 3 | 'izðərə | 'wə:d | ^p ${ }^{\text {'steaz }}$ |
| 4 | 'izntðərə | mis'teik | daun'stEəz. |
| 5 | ðәพәzə | 'mæn | samwe\%. |
| 6 | $\chi^{\prime}$ woznte | 'leidi | in'hiə. |
| 7 | wazðəra | 'dzentlmən | in' ¢ |
| 8 | 'wozntðərə | 'leidien'dzentlmən | ouva'hiə. |
| 9 | خalbi'ə | 'dazn |  |
| 10 | $\chi^{\prime}$ wountbi'ө | 'handrəd | $\wedge \mathrm{s}^{\prime} \mathrm{h}^{\text {¢ }}$. |
| 11 | wilðəbi'ө | ' $\theta$ auznd | ィр ${ }^{\text {才 }}$ во. |
| 12 | 'wountðəbi'ə | 'miljən | daun' $\delta \varepsilon$ ¢. |


|  | I. | II. | HII. |
| :---: | :---: | :---: | :---: |
| 1 | 'hauməni | - | həvju'got? |
| 2 | 'wot | 'buks | hazi'gət? |
| 3 | 'wits | 'letoz | hədju'got? |
| 4 | 'hu:z |  | didju'si = ? |
| 5 |  | $\partial^{\prime}$ dresiz | didju'teik ? |
| 6 |  | 'kwest5nz | djur'wont? |
| 7 |  | 'pissiz | didju' wont? |
| 8 |  | 'blæk'buks | didði'^ðəzteik ? |
| 9 |  | 'big'pissiz | didjo'frendzsi: ? |
| 10 |  | 'bigwanz | $\partial^{\prime}$ hia ? |
| 11 |  | 'nju:wanz | $\partial^{\prime}$ ¢รə ? |
| 12 |  | 'ouldwanz | a:ðә ? |

## Table 36.

45 simple and 20,736 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | - | 'givit | tu'im | - |
| 2 | 'pli:z | 'sendit | tu'a' | wenju'hæv'taim. |
| 3 | wilju' | 'lendit | tu'mi | wenju'vgot'taim. |
| 4 | wilju'pli:z | 'selit | tu'əs | we'nevəju'kæn. |
| 5 | ai' wontju'to | 'teikit | tu'ðəm | wenju'geta'tJa:ns. |
| 6 | aid'laikju'ta | 'brijit | ta' ${ }^{\text {him }}$ | wenju'gou. |
| 7 | kudju | 'Souit | ta'hə: | 'samtaiməraðə. |
| 8 | ju'd'beto | ik'spleinit | ta'mi: | ifitsnou'trabl. |
| 9 | d3nst | 'spi:k | $\mathrm{tu}^{\prime} \mathrm{As}$ | ifju' 'dount'maind |
| 10 | 'trai-to | 'to:k |  | it'posibl |
| 11 | 'traiend | 'rait | tojos'frend | in'tu:deiz'taim. |
| 12 | ai' 'inkju'kən $^{\text {a }}$ | 'ri:dit | tajo'fa:ðə | ine' nauaz'taim. |

41 simple and 13,824 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | - | 'giv | him | wan. |
| 2 | ju'mait | 'send | ${ }^{\prime}{ }^{\prime}$ | ' Xis . |
| 3 | ju'd'beto | 'lend | mi' | 'main. |
| 4 | wudju'laikta | 'sel | әs | ә'пидә. |
| 5 | 'wudntju'laikto | 'teik | бәm | sam. |
| 6 | 'waididntju' | 'briy | 'him | som' ${ }^{\text {peipz. }}$ |
| 7 |  | 'Sou | 'ho: | səm'kli:n'wosto. |
| 8 | 'dzast | '.for ${ }^{\text {r }}$ | 'mi: | som'red'ink. |
| 9 | 'trai-ta |  | 'As | $\partial^{\prime} \mathrm{litlm}$ : 'mıni. |
| 10 | 'traiend |  | 'ðem | səmpa'teitouz. |
| 11 | ai' wontju'to |  | mai'frend | som'mos'ka:dz. |
| 12 | aid'laikju'to |  |  | ${ }^{\text {' }} \mathrm{fju} \mathbf{S}^{\prime}$ 'peni'stæmps. |

Table 38.
34 simple and 1,728 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ai | 'geivit | turim. |
| 2 | ju' | 'sentit | tu'a'. |
| 3 | hi' | 'lentit | tu'mi'. |
| 4 | ai' $\theta$ aztai | 'souldit | tu'es. |
| 5 | 's.mmbadi | 'tukit | tur ${ }^{\text {¢ }}$ ¢m. |
| 6 | 'noubadi | 'brostit | to' him . |
| 7 | itso:l'raitifju' | 'Soudit | to ' hor. |
| 8 | aim'§arrai | ik'spleindit | tə $\mathrm{i}^{\prime}{ }^{\prime}{ }^{\text {¢ }}$ ¢əz. |
| 9 | aim'glædju' | 'spouk | təðə'mæn. |
| 10 | aiwzz'glædju' | 'torkt |  |
| 11 | aiwzz's.rıiju' | 'rout |  |
| 12 | $i$ tse'pitiju' | 'redit | tu'evribodi. |

34 simple and 1,728 compound permutations.

|  | I. | II. | 1 II. |
| :---: | :---: | :---: | :---: |
| 1 | - | its | veri'fıni. |
| 2 | hi''sez | itwzz | kwait'trus. |
| 3 | hi' 'telzmi | itlbi' | veri'arli. |
| 4 | hi' '0igks | i'tiznt | veri'leit. |
| 5 | aiik'spekt | it'woznt, | 'oupn. |
| 6 | ais ${ }^{\text {a }}$ pouz | it'wountbi | 'Sat. |
| 7 | ai'nou | it'luks | 'gri:n. |
| 8 | ai'fænsi | it'lukt | 'braun. |
| 9 | ai'ra:ðo'fænsi | it'mast bi | 'grei. |
| 10 | hi'ffensiz | it'ka:ntbi | 'jelou. |
| 11 | aim ${ }^{\text {¢ }}$ a $z^{\text {r }}$ | it'meibi | 'kwait'difront. |
| 12 | $\mathrm{hi}^{\prime} z^{\prime}$ ¢os ${ }^{\text {r }}$ | it'maitbi | $\chi{ }^{\prime}$ seim' ${ }^{\prime}$ in . |

Table 40.
23 simple and 144 compound permutations.

|  | 1. | II. |
| :---: | :---: | :---: |
| 1 | aim ('dzast) | 'du:ipit. |
| 2 | hi'z ('dzast) | 'teikinit. |
| 3 |  | 'kımig. |
| 4 | wia ('dzast) | 'gouig. |
| 5 | jo' ('dzıst) | 'spi:kintu'im. |
| 6 | $\chi_{\varepsilon ə}$ ('dzıst) | 'telinim. |
| 7 | aim'not | 'a:skijim. |
| 8 | hi''iznt | ki:pinit. |
| 9 | Si'iznt | bi'ginipit. |
| 10 | wis' not | 'finiSinit. |
| 11 | jor'not | 'steiighio. |
| 12 | ð¢ə'nət | 'putipit'hie. |


|  | I. | II. |
| :---: | :---: | :---: |
| 1 | әju' | 'givigittu'im? |
| 2 | izi | 'sendinittu'im? |
| 3 | $\mathrm{i}_{3} \mathrm{Ji}^{\prime}$ | 'lendinittu'im? |
| 4 | əmai | 'teikinittu'im? |
| 5 | əwi | 'weitin ? |
| 6 | əðеі | 'bripijit'hia ? |
| 7 | 'a:ntju' | 'Souinittuim? |
| 8 | 'iznti' | ik'spleininit? |
| 9 | 'iznt ${ }_{\text {j }}$ ' | 'spi:kin'inglif? |
| 10 | 'a:ntai | 'torkiy ? |
| 11 | 'a:ntwi' | 'risdin? - |
| 12 | 'a:ntðei | 'raitin? |

## Table 42.

34 simple and 1,728 compound permutations.

|  | I. |  | III. |
| :---: | :---: | :---: | :---: |
| 1 | - | 'gou | $\chi_{\text {¢ }}$ (or hio).* |
| 2 | ai | 'kım | 'in. |
| 3 | ai'dount | 'putit | 'aut. |
| 4 | ai'didnt | 'teikit | $\theta^{\prime}$ wei. |
| 5 | aimost | 'sendit | 'bæk. |
| 6 | ai'wontto | 'pulit | 'sp. |
| 7 | aijol | 'puSit | 'daun. |
| 8 | aijad | ' $\theta$ rouit | 'on. |
| 9 | ai'o:tto | 'brijit | 'o.f. |
| 10 | aid'beta | 'ki:pit | 'ouve. |
| 11 | aid'ra:ðə | 'get | 'andə. |
| 12 | ai'ju:stto | 'wo:k | ' $\theta$ rus: |

## 23 simple and 144 compound permutations.

|  | 1. | II. |
| :---: | :---: | :---: |
| 1 | Solai | 'getitat $\nearrow ə$ ' poust? |
| 2 | ai' wontto | 'getmai'hæt ? |
| 3 | ai'misnta | gou'bæk ? |
| 4 | ai'mentto | gou'on? |
| 5 | ai' houpta | 'du:ita'gein? |
| 6 | ai'houptto | 'sisime'gein ? |
| 7 | aiik'spekttə | 'kım'tu: ? |
| 8 | aiik'spektidto | 'du:it'tu:? |
| 9 | ai'trai-tə | 'put $\mathrm{il}^{\prime} \wedge$ ¢әz'bæk ? |
| 10 | ai'traidto | 'a:skim'wai ? |
| 11 | aim'baundto | gou'wiðju'? |
| 12 | aimso'pouzdto | gouwi'ðautju' ? |

## Table 44.

23 simple and 144 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ai'dountnou | wจt | $i^{\prime}$ tiz. |
| 2 | 'telmi | hu' |  |
| 3 | 'a:skim | wits |  |
| 4 | kənju'telmi' | witjwan |  |
| 5 | ai' wontto' nou | hu'z |  |
| 6 | dju'nou | weər |  |
| 7 | Salju'telim | wen |  |
| 8 | 'dountfe'get | wai |  |
| 9 | 'dountfa'gette'telim | hau |  |
| 10 | 'letmi'nou | hau'mats |  |
| 11 | ai' wandə | hau'fa: $r$ |  |
| 12 | hi' wandez | hau'la:d3 |  |

14 simple and 36 compound permutations.

|  |  | II. |
| :---: | :---: | :---: |
| 1 | 'wot | 'izit ? |
| 2 | 'hu' | ${ }^{\text {s }}$ ' is $^{\text {? }}$ |
| 3 | 'witS | *s'ðæt? |
| 4 | 'witSwan | * When preceded by hur 'wit $\int w a n$, wea, |
| 5 | 'witJ'buk | wen, wai and hau, replace $[\mathrm{s}]$ by $[\mathrm{z}]$; when |
| 6 | 'hu:z | preceded by witf, hu:z and hau'mats, |
| 7 | 'hu:z'buk | replace [s] by [iz]. |
| 8 | 'wear ${ }^{\text {r }}$ | * |
| 9 | 'wen |  |
| 10 | 'wai |  |
| 11 | 'hau |  |
| 12 | 'hau'mats |  |

## Table 46.

23 simple and 144 compound permutations.


|  | I. | 11. |
| :---: | :---: | :---: |
| 1 | ai'wnde | 'weØərits'hiə. |
| 2 | hi:z'wandriy | 'weðərits'main. |
| 3 | ai'o:fn'wındə | 'weðəri'z'taiəd. |
| 4 | ai'dount'nou | 'weðori'z'ofn'hia. |
| 5 | aivgot'nouai'dia | 'weðəri' wontstəgou'bæk. |
| 6 | aihæv'nouai'diə | 'woti'tiz. |
| 7 | it'dsznt'mætə | 'weərai'æm. |
| 8 | ai' h ¢vntðə'slaitistai'diə | 'weəju'as. |
| 9 | aid'soumstf'laikta'nou | 'woti ${ }^{\prime}$ dız. |
| 10 | aidgiv'eniӨinta'nou | 'witSwani'tiz. |
| 11 | aim'veri'æŋk $\int^{\text {asta'nou }}$ | 'wotðei'a:. |
| 12 | ju'riali'ka:nt'nou | 'bauju'du:it. |

## Table 48.

23 simple and 144 compound permutations.

|  | I. | II. |
| :---: | :---: | :---: |
| 1 | it'ko:sts | $\partial^{\prime}$ heipni. |
| 2 | it'kosstmi' | $\partial^{\prime}$ peni. |
| 3 | it'dsznt ${ }^{\prime}$ kosst | $\theta$ ri:'heipns. |
| 4 | hi' ${ }^{\prime}$ Jazdz ${ }^{\text {dmi }}$ | 'tapns. |
| 5 | hi' ${ }^{\text {¢ }}$ :lweiz'tJa:dziz | 'tapns'heipni. |
| 6 | ai' peidim | ' $\theta$ ripns. |
| 7 | ai'ka:nto' fo:dta'pei | 'fo:pans. |
| 8 | kənju'letmi' h ¢ ${ }^{\text {r }}$ | 'sikspons. |
| 9 | ai'ouju' | $\mathrm{a}^{\prime}$ Siling. |
| 10 | hi' ${ }^{\text {oudmi' }}$ | 'wanən'siks. |
| 11 | ai'lentim | 'ha:fa'kraun. |
| 12 | 'ðætlbi' | 'wanpaund'ten. |


|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | 'kauntıpte*' | 'twenti | 'wan. |
| 2 | 'kauntez'fa:rəz. | ' $\theta$ ati | 'tus. |
| 3 | ai'kauntidıptə** | 'fo:ti | ' $\theta$ ri:. |
| 4 | ai'hædte' Oroue' weiabaut $^{\text {a }}$ | 'fifti | 'foz. |
| 5 |  | 'siksti | 'faiv. |
| 6 | it'woznt'wə: ''wail'teikiŋ $^{\prime}$ | 'sevnti | 'siks. |
| 7 | ðәwจ'mə:ðən | 'eiti | 'sevn. |
| 8 | ðəwərat'lisst | 'nainti | 'eit. |
| 9 | ot'lasstai' ${ }^{\text {cheimta' }}$ nımba ${ }^{\text {r }}$ | $\partial^{\prime} \mathrm{h}$ ındradn | 'nain. |
| 10 | ai'ka:nte'fo:d | 'tu:'handredn |  |
| 11 | ai'ka:nto'fordta'bai | $\partial^{\prime}$ hındredn'twenti |  |
| 12 | aim'wilinta'teikebaut | wsn' ${ }^{\prime}$ auzndwan'handredn |  |

* Replace [ta] by [tu] when followed by a vowel.

Table 50.
45 simple and 20,736 compound permutations.

|  | I. | II. | III. | IV. | V. | VI. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | its | im'posəbl | f ${ }^{\text {r }}$ | mi | ta ${ }^{+}$ | 'dusit. |
| 2 | i'tiznt | 'difiklt |  | im |  | 'gouðモə. |
| 3 | 'izit | 'i:zi |  | ${ }^{\prime}$ |  | 'weit. |
| 4 | 'izntit | 'nesasori" ${ }^{\text {\% }}$ |  | it |  | 'getit. |
| 5 | itwəz | 'posobl |  | อs |  | 'a:nsəðə'letə. |
| 6 | it'woznt | 'taim |  | ju' |  | 'la:n'frent 5 . |
| 7 | wrzit (or 'wozit) | 'gud |  | ðәт |  | 'hiərit. |
| 8 | 'wozntit | 'beto |  | 'evribodi |  | 'helpim. |
| 9 | itlbi | 'rait |  | $\chi_{i}{ }^{\prime}{ }^{\prime} \chi_{\partial z}$ |  | 'mi:tim, |
| 10 | itadbi | 'ron |  | mai' ${ }^{\prime}$ frend |  | 'li:vit'hia. |
| 11 | it'meibi | 'ju:sfl |  | 'dzən |  | 'lu:zit. |
| 12 | it'maitbi | 'ju:slis |  | 'sampispl |  | 'faindit. |

Table 51.
45 simple and 20,736 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | aikən'si: | 'samein | in | it. |
| 2 | ai'so: | 'evritin | on | дәт. |
| 3 | ail'li:v | 'main | bi'said | ' i is. |
| 4 | ai'left | 'jo:z | 'ouv2 ${ }^{\text {r }}$ | 'ðæt. |
| 5 | ju'l'faind | samein' els | a'bav | ' izz. $^{\text {d }}$ |
| 6 | ju'l'si: | $\partial^{\prime} \mathrm{la}=\mathrm{d}_{3} \mathrm{~m}^{\text {an }}$ | ${ }^{\prime} \mathrm{n}$ ndar ${ }^{\text {r }}$ | 'ðouz |
| 7 | ai' faund | $\partial^{\prime}$ lavdzəwan | nio ${ }^{\text {r }}$ |  |
| 8 | ai'rout | a'smo:lwan | $\partial^{\prime}$ geinst | 'main. |
| 9 | ðәz | ə'smo:lewan | $\theta \mathrm{ru}$ : | 'jo:z. |
| 10 | ðәwวz | $\partial^{\prime}$ gudwan | $\mathrm{a}^{\prime} \mathrm{kr}$ as | 'Xiswan |
| 11 | ai' injk $^{\text {¢ }}$ z | a'betawan | raund | ' æセtwan. |
| 12 |  | әn'ouldwan | ande'ni: $\theta$ | ðә'boks. |

Table 52.
23 simple and 144 compound permutations.

|  | I. | II. |
| :---: | :---: | :---: |
| 1 | ai'hə:dit | dzıst' ${ }^{\text {nau }}$ |
| 2 | ai'helptim | in'dzænjuəri. |
| 3 | ai' metim | in'februori. |
| 4 | ai'losstit | inok'toubo. |
| 5 | ai'a:nsedim | at'tentu'eit. |
| 6 | ai'didnt'a:nsərim | ət'ten'passt'for. |
| 7 | ai' bo:tit | $\partial^{\prime} \mathrm{fju} \mathbf{S}^{\prime}$ minitsa'gou. |
| 8 | ai'didnt'baiit | $ө^{\prime}$ nauərө' ${ }^{\text {gou }}$. |
| 9 | ai'oupnd ${ }^{\text {d }}$ a'də: | 'tu:'auəza'gou. |
| 10 | ai'didnt'oupnðə'də: | 'siks' wi:ksa'gou. |
| 11 | ai' ${ }^{\prime}$ ¢ $\mathrm{t} \mathrm{a}^{\prime}$ windou | ə'fo:tnaite'gou. |
| 12 | ai'didnt ${ }^{\prime} \int_{\Lambda}$ tða' windou | 'tu:'jazzo'gou. |


|  | I． | II． | III． | IV． |
| :---: | :---: | :---: | :---: | :---: |
| 1 | aiwzz（＇d3ast） | ＇du：ijit | wen | ju＇keim＇in． |
| 2 | hi＇waz（＇dzıst） | ＇teikinit | wail | hi＇${ }^{\prime}$ keim． |
| 3 | Si＇wzz（＇dzast） | ＇kımin | әZ | ju＇so：mi． |
| 4 | wi＇wo＇（＇dz＾st） | ＇goui］ |  | ju＇spouktu＇mi＇． |
| 5 | ju＇wə＇（＇d3＾st） | ＇spi：kigtuim |  | hiwent＇aut． |
| 6 | ðеiwə＇（＇dz＾st） | （etc．See Table 40，II．） |  | ðei＇bro：tit． |
| 7 | ai＇woznt | ＇helpijim |  | ju＇went＇in． |
| 8 | hi＇woznt | ＇la：ninit |  | hiwenta＇wei |
| 9 | Si＇woznt | ＇a：nsəri引ða＇letə |  | jo＇letakeim． |
| 10 | wi＇${ }^{\prime}$ wə ${ }^{\text {a }}$ | ＇baiinwan |  | ju＇metmi． |
| 11 | ju＇wa：nt | ＇oupni弓ðə＇də＇ |  | jor＇brıð⿱⿰㇒一乂凵， |
| 12 | ðei＇wasnt | ＇今Atig $\mathrm{J}^{\prime}$＇windou |  | jor＇sista＇so：mi． |

## Table 54.

33 simple and 1,584 compound permutations．

|  | I． | II． | III． | IV． |
| :---: | :---: | :---: | :---: | :---: |
| 1 | wәju＇（or＇wa：ju＇） | ＇givinittu＇im | wen | aikeim＇in ？ |
| 2 | wazi＇（or＇wozi＇） | ＇sendipittu＇im |  | ai＇sozju＇？ |
| 3 |  | ＇brijinit＇hiə |  | aiwent＇aut？ |
| 4 | wəwi＇（or＇wa：wi＇） | ＇Souinittu＇im |  | ai＇metju＇？ |
| 5 | wәju＇（or＇wəzju＇） | ik＇spleinigit |  | hi＇spouktu＇ju＇？ |
| 6 | wəðei（or＇wa：ðei） | （etc．See Table 41，II．） |  | ði＇＾ðəzkeim？ |
| 7 | ＇wa：ntju＇ | ＇helpig $\mathrm{z}^{\text {m }}$ m |  | aikeim＇bæk ？ |
| 8 | ＇woznti＇ | ＇la：nip＇frents |  | aiwento＇wei ？ |
| 9 | ＇woznt $\mathrm{I}^{\text {i }}$ | ＇a：nsəri引ðə＇leta |  | aiwent＇in ？ |
| 10 | ＇wə：ntwi＇ | ＇baiijsam |  | ju＇so：mi？ |
| 11 | ＇wa：ntju＇ | ＇oupnijðə＇leta |  | ju＇spouktuim ？ |
| 12 | ＇wə：ntðei |  |  | ju＇gotmai＇lete ？ |


|  | I. |  |
| :---: | :---: | :---: |
| 1 | itsin | 'inglif. |
| 2 | 'dju:spi:k | 'frent 5 . |
| 3 | ai'osfn'raittuimin | $\mathrm{i}^{\prime}$ tæljən. |
| 4 | hi:z'spi:kiŋ | 'spænif. |
| 5 | 'miste'braunspi:ks | 'rafn. |
| 6 | 'misiz'braunspi:ks | 'dzərmən. |
| 7 | 'mis'braunspi:ks | 'dsts. |
| 8 | 'raititin | 'swi:dij. |
| 9 | kənju'ri:d (or 'kænju' ${ }^{\text {rizid) }}$ | nə:'wi:dzən. |
| 10 | 'dju:'le:n | 'deini§. |
| 11 | əju'la:niŋ | dzæpa'ni:z. |
| 12 | ai'laznt |  |

23 simple and 144 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | its | 'dan | bai'sambədi'els. |
| 2 | i'tiznt | 'teikn |  |
| 3 | izit | 'noun |  |
| 4 | 'izntit | anda'stud |  |
| 5 | itwoz | $\mathrm{bi}^{\prime} \mathrm{g}$ ¢ n |  |
| 6 | it'woznt | 'finijt |  |
| 7 | wezit (or 'wozit) | fa'gotn |  |
| 8 | 'wozntit | 'givn |  |
| 9 | it'meibi | 'ritn |  |
| 10 | it'ka:ntbi | put'hio |  |
| 11 | it'mastbi | 'brset |  |
| 12 | it'osttabi | ' 'oun |  |


|  | I. | II. | 1 II . | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | its | 'sould | 'evri | 'dei. |
| 2 | i'tiznt | 'bost |  | 'wisk. |
| 3 | (etc. See Table 56, I.) | 'ha:d |  | 'man $\theta$. |
| 4 | ðє9 ${ }^{\text {r }}$ | 'losst (or lost) |  | 'fo:tnait. |
| 5 | ð¢ə'nət | 'faund |  | 'jȧ. |
| 6 | ðeiw2 ${ }^{\text {r }}$ | 'a:nsəd |  | 'taim. |
| 7 | סei'wa:nt | 'oupnd |  | 'i:vniy. |
| 8 | 'saməvðəmə ${ }^{\text {r }}$ | ' ${ }_{\text {St }}$ |  | $\wedge$ ^ә' ${ }^{\text {dei }}$ |
| 9 | $\partial^{\prime} \mathrm{fju}$ :эv $\partial$ วmə ${ }^{\text {r }}$ | 'left'hia |  | $\theta r i=' d e i z$. |
| 10 | 'э:lovðəmə ${ }^{\text {r }}$ | 'la:nt |  | ^ðə ${ }^{\text {¢ }}$ taim. |
| 11 | 'nanəvðəmər ${ }^{\text {r }}$ | 'wontid |  | Өri:'wi:ks. |
| 12 | 'moustəvðəmə ${ }^{\text {r }}$ | 'si:n |  | 'deiiksept'ssndi. |

## Table 58.

34 simple and 1,728 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | aiv | 'danit | 'nau. |
| 2 | ju'v | 'teiknit | ol'redi. |
| 3 | wi'v | 'si:nit | 'sins. |
| 4 | Øei'v |  | sins ${ }^{\prime}$ రen. |
| 5 | hi'z | 'kam | sins'mandi. |
| 6 | $\int \mathrm{i}^{\prime} \mathrm{z}$ | 'gon (or go:n) | sinsai'sozju'. |
| 7 | havai (or 'hævai) | 'spoukntuim | sinsju''keim. |
| 8 | havju' (or 'hævju') | 'touldimebautit | sinsju'wə'hiə. |
| 9 | hovwi' (or 'hævwi') | 'a:stimforit | to'dei. |
| 10 | həvðei (or 'hævðei) | 'keptit' ${ }^{\text {i }}{ }^{\text {r }}$ | 才is'wi:k. |
| 11 | həxi' (or 'hæzi') | bi'ganit | סis'man $\theta$. |
| 12 |  | 'finiftit | 'eve'sins. |


|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ai'hævnt | 'hædit | 'jet. |
| 2 | ju'hævnt | 'wontidit | sptəðの'preznt. |
| 3 | wi''hævnt | 'metim | 'soufa:. |
| 4 | ðei'hævnt | 'putit'hiə | 'sins. |
| 5 | hi'hæznt | ik'spleindit | sins'才en. |
| 6 | ¢i'’hæznt | fa'gotnit | sins'mandi. |
| 7 | 'hævntai | 'lo:stit (or 'lostit) | sinsdzur'lai. |
| 8 | 'hævntju' | 'givnittu'im | sinsai'sozju'. |
| 9 | 'hævntwi' | 'lentittu'im | to'dei. |
| 10 | 'hævntðei | 'bastit | ' $\mathrm{is}^{\prime}$ 'wi:k. |
| 11 | 'hæznti' | 'souldit | ' $\mathrm{is}^{\prime}$ 'man ${ }^{\text {a }}$ |
| 12 | 'hæznt ${ }^{\text {i }}$ ' | 'faundit | bi'fo: ( or bi'fəə). |

Table 60.
23 simple and 144 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | aiv $^{\prime} \mathrm{d}_{3} \mathrm{str}^{\prime} \mathrm{k} \wedge \mathrm{m}$ | from | ${ }^{\prime}$ lındən. |
| 2 | hi'z'dzast ${ }^{\prime}$ kam |  | 'ba:mijəm. |
| 3 | Si'z'dzast ${ }^{\prime} \mathrm{k} \wedge$ m |  | 'glæskou.*' |
| 4 | hip'dazntliv'fa: |  | 'mæntJisto. |
| 5 | 'dju:liv'fa: |  | 'skotlend. |
| 6 | aiv'dzastgota'leto |  | 'aiələnd. |
| 7 | hi'routtu'mi (or temi) |  | 'pæris. |
| 8 | hi' 'sentmia'ka:d |  | 'braslz. |
| 9 | ai'sentima' waia |  | ':entwa:p. |
| 10 | hi' ${ }^{\prime}$ brinz ${ }^{\text {d }}$ \%m |  | 'douve. |
| 11 | ai'get dım |  | 'jo:k $\mathrm{i}_{\text {i }}$. |
| 12 | itss'loj'wei |  | 'nju:'jo:k. |


|  | I. | II |
| :---: | :---: | :---: |
| 1 | ai'hredit | ə'mın $\theta$ a'gou. |
| 2 | aid'gotit | 'tu:'manӨsa'gou |
| 3 | ai'didnt'hævit | ə'jə:rə'gou. |
| 4 | ai'hædnt'gotit | 'sım'taima'gou |
| 5 | hu'hædit | in'nainti:n'twelv. |
| 6 | hu'd'gotit | 'evri'taimai' keim. |
| 7 | 'didju'hævit | ətØəbi'gini引əvno'vembo. |
| 8 | hədju'gotit (or 'hædju'gotit) | atði'endovdi'sembo. |
| 9 | 'didntiu'hævit | ət'twentite'nain. |
| 10 | 'hædntju'gotit | ət'twentipa:st'faiv. |
| 11 | 'waididntju'hævit | ət'faivən'twentitu' eit. |
| 12 | 'waihædntju'gotit | ət'faivan'twenti'paist'tu:. |

Table 62.
29 simple and 1,008 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ai'dount | 'si: | 'enibodi. |
| 2 | hi'daznt | anda'stænd | 'eniӨin. |
| 3 | ai'didnt | fo'get | enibodi'els. |
| 4 | ai' wount | ri'membər ${ }^{\text {r }}$ | eniOin'els. |
| 5 | ai'fa:nt | 'hia ${ }^{\text {r }}$ | 'eni. |
| 6 | ai'ka:nt | bi'li:v | 'aiðərəvðəт. |
| 7 | ai'kudnt | 'faind | it, 'aiðə. |
| 8 | ai'masut | 'nou |  |
| 9 | ai' $0: \operatorname{tn} t$ to ** | 'a:ns9 ${ }^{\text {r }}$ |  |
| 10 | ai'dount' wontte* | 'wont |  |
| 11 | itsim' posoblfəmi'to* | 'lukət |  |
| 12 | its'difikltfami'to* | 'lisntu |  |

Table 63.
22 simple and 272 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ai'dount | 'gou | 'eniwદə. |
| 2 | ai'didnt | 'putit | eniweə'rels. |
| 3 | aikən'ha:dli | 'sisit | ' evriweə. |
| 4 | aikən'skeəsli | - getðəm | $\partial^{\prime}$ bro:d. |
| 5 | ai' ${ }^{\prime}$ asdli'eve | 'faind ¢ $_{\text {¢ }}$ |  |
| 6 | ai'skeəsli'eva | 'baiðım |  |
| 7 | itsim' posablta | 'hiorit |  |
| 8 | its'difikltte | 'teikðəm |  |
| 9 |  | gouij |  |
| 10 |  | tgouig |  |
| 11 |  | tbi'n |  |
| 12 |  | tbi'n |  |

## Table 64.

23 simple and 144 compound permutations.

|  | I. | II. |
| :---: | :---: | :---: |
| 1 |  | onða'teibl. |
| 2 |  | จnðə'flo:. |
| 3 |  | onðə'graund. |
| 4 | бə' woznt' eni ${ }^{\prime}$ ija' tosl | ənðə'boks. |
| 5 | бәz'ha:dli'eni ${ }^{\text {in }}$ | əпðə'si:liy. |
| 6 | Ø$\partial z^{\prime}$ skeəsli' eni ${ }^{\text {in }}$, | อกðө'พข:1. |
| 7 | Ø $\mathrm{rra}^{\prime} \mathrm{ha:dli'eni}$ | inða'boks. |
| 8 | aikən'ha:dlisi:'eni $\theta$ iך | inðə'taun. |
| 9 | aikəd'ha:dlisi:'eniӨiy | inðə'stri:t. |
| 10 | itsim' pasablta'si:'eni $\theta$ in ${ }^{\text {j }}$ | inðə ${ }^{\prime}$ kantri. |
| 11 | jo'not'laiklito'si:'eni ${ }^{\text {a }}$ ig | inðə'ru:m (or inðə'rum) |
| 12 |  | inðə'dro: (or inðə'droə). |


|  | I. | 11. | III. | JV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | aid (or aijad) | 'du:it | ifai | hæd'taim. |
| 2 | hid | 'klienit | ifi | wə'hia. |
| 3 | fid | 'lukforit | iffi ${ }^{\text {, }}$ | 'steidð⿱㇒. |
| 4 | wid (or wi.fad) | 'gouən'mistim | ifwi' | 'kud. |
| 5 | ju'd | 'meikwan | ifju' | 'hædtu'. |
| 6 | ðeid | 'drinkit | ifðei | 'wontidtu'. |
| 7 | wudai (or Sudai) | 'wo:k'bæk | ifai | wərə' ${ }^{\text {blaid }}{ }_{3} d$ tu'. |
| 8 | wudi' | kım'hierin'sted | ifi | wa'fris. |
| 9 | wudji ${ }^{\text {r }}$ | 'dusitat'wans | iffi, | 'traid. |
| 10 | wudwi' (or Sudwi) | 'du:it' propəli | ifwi | 'wə:nt'tu:'bizi. |
| 11 | wudju' | 'teikðə' rest | ifju | ' $\theta$ ortit'nesisori. |
| 12 | wudðei | 'la:nit'beta | ifðei | 'faundit'nesisori. |

* I.e. each line of Column I. is to be used with the corresponding line of Column III.

Table 66.
34 simple and 6,048 compound permutations.

|  | I. | II. | III. | IV. | V. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 5 6 7 8 9 10 11 12 | itsðə <br> ' 〇isizðə <br> ai' ${ }^{\prime}$ inkitsðə <br> aimei'seiitsðə <br> hi' sezitsðə <br> ai' ${ }^{\prime}$ d $\varepsilon \theta^{\prime}$ seiits ${ }^{\circ}$ ə | 'fa:st <br> 'seknd <br> ' $\theta$ ə: d <br> 'fo: $\theta$ <br> 'fif $\theta$ <br> 'siks $\theta$ <br> 'sevn $\theta$ <br> 'eit $\theta$ <br> 'nain $\theta$ <br> 'ten $\theta$ <br> $i^{\prime} \operatorname{levn} \theta$ <br> 'twelf $\theta$ | 'taim | aiv <br> hi'z <br> Si'z <br> wi'v <br> ju'v <br> бeiv <br> $\chi_{i}{ }^{\prime} \wedge$ ðәzəv | 'si:nit. <br> 'pleidit. <br> 'luktætit. <br> bi:n'hia (or bin'hio). <br> 'bi:nðะə (or binðعə). <br> 'ju:zdit. <br> 'traidit. <br> 'hə:dit. <br> 'wontidit. <br> 'spoukntuim. <br> 'meidəmis'teik. <br> 'hædit. |


|  | I． | II． | III． |
| :---: | :---: | :---: | :---: |
| 1 | ＇wotsðə | ＇difronsbitwi：n | ＇ isend $^{\text {d }}$ ¢æt． |
| 2 | ðәzə＇greit |  | ＇mainənd＇jo：z． |
| 3 | izðara＇greit |  | ðə＇fəıstəndðə＇seknd． |
| 4 | ða＇riznta＇greit |  |  |
| 5 | ＇ðæts才i＇ounli |  | $\partial^{\prime} \mathrm{fif}$ Эəndðə＇siks $\theta$ ． |
| 6 | ai＇ka：nt＇siseni |  | ðә＇sevnӨəп ði＇$^{\text {eite }}$ ． |
| 7 | ai＇dount＇meikeni |  |  |
| 8 | 犭ә＇ka：ntbimst ${ }^{\prime}$ |  |  |
| 9 | ＇izðamıt5 |  | ðә＇Cə：＇ti：n $\theta$ əndðə＇fa：＇ti：n $\theta$ ． |
| 10 | wəzða＇mıts |  |  |
| 11 | ＇ka：ntju＇si：ðo |  | namla＇wanənnamba＇tu：． |
| 12 | ＇noubadi＇si：zeni |  | nımla＇${ }^{\text {Orizemmamba＇fos．}}$ |

Table 68.
34 simple and 1,728 compound permutations．

|  | I． | II． | III． |
| :---: | :---: | :---: | :---: |
| 1 | ai＇faundit | in＇frantev |  |
| 2 | ai＇leftit | ətðə bətəməv | ＇wanอvðəm |
| 3 | $\chi_{\partial z}$ ssmөiy | эn＇təpav | ＇sıməvðam． |
| 4 | ðәwәz＇ssm ${ }^{\text {din }}$ | ətðə＇bækəv | ＇ðouz＇＾ðәz． |
| 5 | $\chi_{\partial}$＇riznt＇eni in $^{\prime}$ | bəðə＇saidəv | бә＇la：dzwan． |
| 6 | d $\partial^{\prime}$ woznt＇eniӨiๆ |  | ðә＇farst． |
| 7 | ðә＇wountbi＇eni in＇$^{\prime}$ els | atðəbi＇giniģav | 犭ə＇seknd． |
| 8 | 犭${ }^{\prime}$ ka：ntbi＇eni ${ }^{\prime}$ i］ | at $\mathrm{Xi}^{\prime}$ endəv |  |
| 9 |  | on＇ $\mathrm{is}^{\text {s }}$＇saidəv | ðә＇fə $\boldsymbol{\theta}$ ． |
| 10 |  | ＇kloustı | $\chi_{\text {ə＇fife }}$ |
| 11 | izðo＇reni in $^{\text {a }}$ | inða＇midləv | $\chi^{\prime}$＇siks $\theta$ ． |
| 12 | wazðə＇reniөin | $\partial^{\prime} \mathrm{lon}^{\prime}$ weifram | $\chi \partial^{\prime}$ sevn $\theta$ ． |

35 simple and 6,480 compound permutations.

|  | 1. | II. | III. | IV. | V. | VI. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 5 6 7 8 9 10 11 12 | ai'didit <br> ai'weitid <br> ai'steidat'houm <br> ai'keptit'o:l <br> aiwent'aut <br> hi' wenta' wei <br> ðei'keim'bæk <br> ai'loktðə'də: <br> ai'stoptet'houm <br> ai' weitida'loy' taim <br> ai'kli:ndit <br>  | วทə'kauntav <br> bi'kəzวv <br> in'stedav <br> in'spaitov <br> fəðə'seikəv <br> ta'pli:z <br> souzta'pli:z <br> i'no:dətə'pli:z <br> souz' notta'trabl <br> i'nə:da' nətta'trabl <br> 'souz' nottodis'ta:b <br> i'nə:də'nəttə' wari | бә | 'mæn <br> 'men <br> 'dzentlmən <br> 'dzentlmən <br> 'leidi <br> 'leidiz <br> 'pi:pl <br> 'wall <br> 'passn | hu'keim | 'hia. <br> 'a:fta. <br> 'leit. <br> 'ə:li. <br> 'wiðmi'. |

Table 70.
34 simple and 1,728 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | - | ju'kən'du:it | if | ju'laik. |
| 2 | in'fækt | ju'ky'gou | wen |  |
| 3 | əzə'mætra'fækt, | ju'kən'wə:k | әz (or $¥ z$ ) |  |
| 4 |  | ail'du:it | əz'su:nəz |  |
| 5 | ət'lisst, | ail'gou | we'neva |  |
| 6 |  | ju'kən'plei' $\mathrm{X}^{\text {et }}$ | 'd3astaz |  |
| 7 | nou'daut | ju'kən'stop | wea'reva |  |
| 8 | ðәz'nou'daut | ju'kn'kıtit | 'a:fto. |  |
| 9 | 'wel, | ju'kən ju:zit | 'a:ftraiv'gon. |  |
| 10 | $\chi^{\prime}$ 'fækt'iz : | ju'kən'i:tit | 'a:ftoju'v'si:nim. |  |
| 11 | itss'fækt ; | ju'kon'du:'main | ðә'deibi' $}$. |  |
| 12 | 'stil, |  | inəd'va:ns. |  |


|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | 'wota (n' | 'nais | 'haus! |
| 2 | it'lukse(n | 'nassti | 'buk! |
| 3 | it'si:mze(n | 'la:d3 | 'pikt fo ! |
| 4 | 'hiozorn | 'smo:1 | 'dog ! |
| 5 | '犭єəzว(n | 'litl | 'kæt! |
| 6 | it'meibia(n | 'fıni | 'rum (or ru:m) |
| 7 | it'maitbiə(n | 'fain | 'steifn! |
| 8 | it' ${ }^{\text {attabia (n }}$ | 'priti | 'trein! |
| 9 | it'msstbia n | 'Agli | 'taun! |
| 10 | it $t^{\prime} k a=n t b i a(n$ | i'no:mes | 'Sop! |
| 11 | it'kudntbia(n | 'fıniso:tər | 'strist! |
| 12 | itssat $\mathrm{Ja}_{\text {( }} \mathrm{n}$ | 'f $\_$nilukin | wan! |

* [ n ] to be added when the following word begins with a vowel.

Table 72.
23 simple and 144 compound permutations.

|  | I. | II. |
| :---: | :---: | :---: |
| 1 | hau | 'nais! |
| 2 | its's samein | 'na:sti! |
| 3 | its'ha:dli'ever ${ }^{\text {r }}$ | ${ }^{\prime}$ On ! |
| 4 | its'skeəsli' ${ }^{\text {eve }}{ }^{\text {r }}$ | 'Sost! |
| 5 | i'tiznt'veri | 'wet! |
| 6 | it'luks' ra : $\partial^{\text {r }}$ | 'drai! |
| 7 | ðєə' bou日 | 'tJi:p! |
| 8 | 'naiðərəvðəmə | 'dia! |
| 9 | 'bouӨəvðəmə | 'priti! |
| 10 | 'əalovðamə | 'ha:d! |
| 11 | $\chi^{\prime}$ 'wınaiso:'hizz'veri | 'soft (or so:ft)! |
| 12 | 'Xisiz' ${ }^{\text {veri }}$ | 'intristin ! |

34 simple and 1,728 compound permutations.

|  | I. | II. | 111. |
| :---: | :---: | :---: | :---: |
| 1 | 'wot | 'nais | 'piktjoz! |
| 2 | ðвasat 5 | 'na:sti | 'buks! |
| 3 | ai' $\theta$ ¢:tðeiwasət | 'priti | 'hauziz! |
| 4 | ðєa' boue | 'intristiy | 'bildigz ! |
| 5 | 'bouӨəvðวтə | 'də:ti | ' i igz! |
| 6 | ðєər'o:1 | 'fani | 'taunz! |
| 7 | 'hiərəsam | 'sgli | 'kantriz! |
| 8 | 'ðєөrəsəm | i'no:məs | 'rumz! (or 'ru:mz) |
| 9 | 'ði:za | 'fınilukiy | 'Sops! |
| 10 | 'ðouza | 'fain | 'pleisiz! |
| 11 | ju'kən'ha:dli'kə:lðəm | 'f nnilitl | 'ænimlz! |
| 12 | ai' so:'sevral | 'streind 3 | 'ka:dz! |

Table 74.
23 simple and 144 compound permutations.

|  | I. |  | II |
| :---: | :---: | :---: | :---: |
| 1 | Xisiz'veri | im'potnt. |  |
| 2 | ' $\quad$ æts | kən'vi:niənt. |  |
| 3 | 'Xi:zar ${ }^{\text {r }}$ | 'ful. |  |
| 4 | 'סouzer ${ }^{\text {r }}$ | 'emti. |  |
| 5 | itssou | 'do:ti. |  |
| 6 | itssou'veri | 'wo:m. |  |
| 7 | 'hu:'seditwəz | 'hot. |  |
| 8 | ai'dount ${ }^{\prime}$ kə:1' $\quad$ ææt | 'kould. |  |
| 9 | ju'kən'ha:dli'ks:1'ðæt | 'hevi. |  |
| 10 | it'wudntbi'veri | 'lait. |  |
| 11 |  | 'da:k. |  |
| 12 | ai'ka:nthelp' ${ }^{\text {a }}$ ijkinits | 'di:p. |  |


|  | I. | II. | III. | IV |
| :---: | :---: | :---: | :---: | :---: |
| 1 | ai'dount'maind'teikiy | 'tu: | 'mosi | - |
| 2 | 'wudju'maind'teikiy | ' $\theta$ ri: |  | 'buks. |
| 3 | ai' kudnthelp'teikin | 'fo: |  | 'ka:dz. |
| 4 | ai'riali'mist'teik | 'faiv |  | 'pissiz. |
| 5 | aid'betəhæv | s\% |  | 'la:dzwanz. |
| 6 |  | ə'fju: |  | 'smoslwanz |
| 7 | aid'laikta'teik | 'tu'a' $\theta$ ¢ri: |  | 'gudwanz. |
| 8 | 'sambedituk | 'sevral |  | 'emtiwanz. |
| 9 | 'sımbədiz'teikn | $\partial^{\prime} d^{\prime} \mathrm{zz}$ |  | 'tfiepwanz. |
| 10 | 'waididntju'teik | 'ha:fa'dızn |  | 'kli:nwanz. |
| 11 | 'hu:'wonts | $\partial^{\prime}$ lot |  | 'laitwanz. |
| 12 | ai' ${ }^{\prime}$ igkailhæv | $\partial^{\prime}$ hındrad |  | 'jelouwanz. |

Table 76.
34 simple and 1,728 compound permutations.

|  | I. | II. | III. | IV. | V |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | ai'nou | бә | 'mæn | $h u^{\prime}(\mathrm{or} \quad \mathrm{\partial t}$ ) | 'didit. |
| 2 | ai'nju: |  | 'men |  | 'etit. |
| 3 | aikən'si: |  | 'dzentlmən |  | 'dræŋgkit. |
| 4 | ai'so: |  | 'wan |  | 'meidit. |
| 5 | ai'foloud |  | 'pasn |  | 'broukit. |
| 6 | ai'didnt'folou |  | 'pi:pl |  | 'ba:ntit. |
| 7 | ai'la:ftat |  | ${ }^{\prime}$ leidi |  | 'katit. |
| 8 | ai'stopt |  | 'leidiz |  | 'loktit. |
| 9 | ai'spouktə |  | 'boi |  | 'pleidit. |
| 10 | ai'routto |  | 'boiz |  | 'stoptit. |
| 11 | ai'luktfo |  | 'gə:1 |  | ju:zdit. |
| 12 | ai'traidta'faind |  | 'gə:lz |  | 'tatjtit. |

34 simple and 1,728 compound permutations．

|  | I． | II． | III． | IV． |
| :---: | :---: | :---: | :---: | :---: |
| 1 | ai＇wontid | $\chi 口 ⿱ 亠 乂 ⿱ 一 土 儿$ wan | witf（or $\mathrm{r}_{\mathrm{t}}$ ） | ju＇sozənða＇left． |
| 2 | ai＇tuk | ＇ ouz |  | ju＇soะวnðə＇rait． |
| 3 | ai＇so： | $\chi_{\text {¢ }}{ }^{\prime} \mathrm{pis}$ |  | wəz＇hiə． |
| 4 | ¢olai＇givju＇ | дә＇ pi ：siz |  | ＇keim＇hia． |
| 5 | ai＇bost | ðə＇sa：t |  | ju＇wə＇lukigæt． |
| 6 | aiv＇bost | 犭ә＇kaind |  | ju＇wa＇lukinfo： |
| 7 | ai＇sould |  |  | ＇fitid＇propali． |
| 8 | aiv＇sould | ＇moustəv＇ $\begin{array}{r}\text { ouz } \\ \hline\end{array}$ |  | ＇fitid＇bædli． |
| 9 | ju＇0：tte＇hæv | ＇saməv＇ðouz |  | ai＇put＇hio． |
| 10 | ju＇ostta＇get | ＇wanəv＇రouz |  | ai＇putonwan＇said． |
| 11 | aipri＇fa：${ }^{\text {r }}$ | ＇sevraləv＇ðouz |  | ju＇laikt． |
| 12 | ai＇fudnt teik | ＇Xouz＇Өigz |  | ju＇pri＇fa：d． |

Table 78.
23 simple and 144 compound permutations．

I．

## II．

＇wo：kin＇leit．
＇tatSinit．
＇pleiiŋðə＇seim＇五．
＇ju：zin＇${ }^{\text {diswan．}}$
＇breikijðəm．
＇bə：nifðəm．
＇kstijðəm．
＇kli：ninitoz＇ju：zul．
＇lokiŋðə ${ }^{\prime}$ də：r＇a：ftəwədz．
＇la：fiy．
＇la：finætit．
＇wa：kin＇kwikli．

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | hi | 'd ${ }_{\text {dzit }}$ | 'veri'wel. |
| 2 | Si | 'pleizit | 'veri'bædli. |
| 3 | 'ðæt'mæn | 'wa:ks | 'veri'fa:st. |
| 4 | 才i'^^əə'mæn | 'meiksðəm | 'ra: ə ' $^{\prime} \mathrm{fa}$ :st. |
| 5 | 'రæt'leidi | 'kli:nzðam | 'veri'kwikli. |
| 6 | 'ðæt'bəi | 'spi:ks | 'ra:ðə'tu: 'kwikli |
| 7 | ðə'pə:snin'kwest $\int n$ | 'raits | 'veri'slouli. |
| 8 |  | 'ri:dz | 'tu:'slouli. |
| 9 | ðə'mænju'metla:st'wi:k | didðə'fazst | 'propali. |
| 10 | бә'leidihur'keim'hiə | didðə'nekst | 'veri'naisli. |
| 11 | $\chi^{\prime \prime}$ 'leidiju'so: | didðə ${ }^{\prime}$ lasst | 'i:zili. |
| 12 | ðə'mænai'spoukəbaut | did 'ha:fə'dızn | in'tu:'mst ave' $^{\prime}$ hari. |

## Table 80.

34 simple and 1,728 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | hi'touldmi' ( $\mathrm{\partial}_{\text {t }}$ ) | hi' ${ }^{\prime}$ didit | 'wans. |
| 2 | i'nenikeis, | hi'd'dınit | 'twais. |
| 3. | 'enihau | $h$ ', soxit | ' $\theta$ ri:''taimz. |
| 4 | $\theta^{\prime}$ 'tenireit, | hid'sisnit | 'fo:'taimz. |
| 5 | 'ounli'fænsi, | hi' ${ }^{\prime}$ keimhia | 'ha:fo'dszn'taimz. |
| 6 | ond'jet |  | 'sevral'taimz. |
| 7 | jo 'rait ; | hi' ju:zdit | ət'wıns. |
| 8 | əzə'ru:l, | hi'd'ju:zdit | 'a:ftewədz. |
| 9 |  | hi' ${ }^{\prime}$ kli:ndit | inða'spriy. |
| 10 |  | hid ${ }^{\prime}$ kliendit | inðə'sımə. |
| 11 | aiod'mit( ¢ $^{\text {a }}$ ) | hi' 'luktforit | inði'ə:təm. |
| 12 | ai'mıstəd'mit(ðət). | hi'd'luktforit | inðə'wintə. |


|  |  |  | II． |
| :---: | :---: | :---: | :---: |
| 1 | wior ${ }^{\text {r }}$ | $\partial^{\prime}$ loun． |  |
| 2 | wi＇w ${ }^{\text {r }}$ | ＇っ：lə＇loun． |  |
| 3 | wi＇flbi | to＇geðo． | － |
| 4 | wi＇${ }^{\prime}$ ju：stabi | ＇o：lto＇geðə． |  |
| 5 | ð $\varepsilon ө^{\text {r }}$ | ＇ə：li． |  |
| 6 | ðeiw ${ }^{\text {r }}$ | ＇tu：＇o：li． |  |
| 7 | ðeilbi | ＇leit． |  |
| 8 | ðei＇wosnt | ＇ra： $\mathrm{r}^{\prime}$＇leit． |  |
| 9 | Øei＇ju：stabi | ＇tu：＇leit． |  |
| 10 | ðeiwə＇ro：fn | ino＇hari． |  |
| 11 | ðeiwe＇dzenroli |  |  |
| 12 | Хei＇mıstbi |  |  |

## Table 82.

34 simple and 1,728 compound permutations．

|  | I． | II． | III． |
| :---: | :---: | :---: | :---: |
| 1 | its | əz＇la：dzəz | ＇main． |
| 2 | itwoz | $\partial z^{\prime} \mathrm{g} u \mathrm{~d} \partial z$ | $\chi^{\prime}{ }^{\prime}$ ¢ә。 |
| 3 | itlbi | əz＇tfi：pəz | бә＇wınai＇so：＇hie． |
| 4 | itədbi | əz＇lэŋəz | бә＇waninði＇s ¢ $^{\prime}$＇rum． |
| 5 | it＇wudntbi | $\partial z^{\prime}$ ¢o：təz | Әә＇wsnðei＇selat＇braunz． |
| 6 | it＇meibi | $\partial z^{\prime}$ pritiəz | Хә＇wanai＇putonðə＇teibl． |
| 7 | it＇ka：ntbi | ＇la：dzəðən | ðə＇wınənðə＇left． |
| 8 | it＇maitbi | ＇t¢i：pəટən | ðə＇wınənðə＇rait． |
| 9 | it＇0：ttebi | ＇ləŋgəðวп | ðоuz＇＾ðәz． |
| 10 | it＇o：tnttabi | ＇betəðっn | $\chi_{\theta}$ fəzst． |
| 11 | it＇ju：stabi | ＇wə：sðən | Әә＇nju：wan． |
| 12 | itju：st＇nottabi | ＇mərr＇intristiŋðən | 犭i＇ouldwan． |

Table 83.
34 simple and 1,728 compound permutations.

|  | I. | II. | III. | IV. | V. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 'wats | $\partial \partial^{*}$ | 'kılar ${ }^{\text {r }}$ | อvðə'wın | ju'tuk |
| 2 | ai' wontto'nou |  | 'saiz |  | aiso:'d:ftewadz. |
| 3 | aid'laikta'nou |  | 'neim |  | wi' ${ }^{\text {laikt. }}$ |
| 4 | 'letmi'nou |  | 'nambar |  | ðei'wontid. |
| 5 | ai'dounk'kwait'nou |  | 'prais |  | $h \mathrm{i}$ 'sent. |
| 6 | kən'enibodi'telmi |  | 'Seip |  | hi'Soudju'. |
| 7 | ai'wijju'd'telmi |  | $\mathrm{ig}^{\prime} \mathrm{z}$ ekt'kAl2 ${ }^{\text {r }}$ |  | 'hiə. |
| 8 | 'hu:'nouz |  |  |  | ' ¢ə |
| 9 | 'a=skim'wots |  | 'ju:zul'prais |  | onðә 'teibl. |
| 10 | 'dount, u'nou |  | əd'va:ntid3 |  | in'frant. |
| 11 | ai'dountri'membə |  | 'gud |  | bi'haind. |
| 12 | aiv'kwaitfo'gotn |  | 'ju:s |  | ət ${ }^{\prime}{ }^{\prime}$ 'bæk. |

*Replace [ $\chi_{\partial}$ ] by [ $\mathrm{\gamma i}_{\mathrm{i}}$ ] when followed by a vowel.

## Table 84.

23 simple and 144 compound permutations.

|  | I. | II. |
| :---: | :---: | :---: |
| 1 | 'lets |  |
| 2 | ail'letju' |  |
| 3 | 'meikim |  |
| 4 | ai'wontimte* | kə'rektdəmis'teiksinit. |
| 5 | aid'laikju'te* |  |
| 6 | ai'wontidju'ta* | 'filðəmwiðsımӨigər^ðә. |
| 7 | ai'hæpndte** | 'emtio:lði'^ðəz. |
| 8 | 'maindju' | 'houldit'tait. |
| 9 | 'maindju'dount | ək'septwət'evəri'əfəz. |
| 10 | $\chi_{\text {z' }}{ }^{\prime}$ nou'ni:dfəmi'tə* |  |
| 11 | aim'goui引tə* | 'pei'ten'Siligzforit. |
| 12 | aiwəz'd3ıst'gouiyta* | 'pikit'sp. |


|  | I. | II. |
| :---: | :---: | :---: |
| 1 | hi' ${ }^{\prime}$ probabli'misnz ( $\partial$ t) $\mathrm{i}^{\prime}$ | 'tfeindz d $^{\text {dra'mani. }}$ |
| 2 | its'faniðati' | $\partial^{\prime}$ reind 3 dðamætə. |
| 3 | ai'ka:nti'mædzən'haui' | 'kostit. |
| 4 | hi' 'su:n | kə'rektidði'eksəsaiziz. |
| 5 | aiwzz'la:finətðə' weihi' | ri'si:vdðə'leto. |
| 6 | hi'wəz'sousə'praizdðəti' | 'filditwiot wo:to. |
| 7 | baimis'teik, $h$ i' | 'emtidðə'tu:'boksiz. |
| 8 | ai'nou'pə:fiktli'welðるti' | 'heldðə'tu:'endz. |
| 9 | its'nielio'wi:ksinsi' | өk'septidðə'mani. |
| 10 | its'mə:ðənə'fo:tnaitsinsi | ri'fju:zdði'ofə. |
| 11 | it'si:mzsot $\int^{\text {a }}$ 'loŋ'taimsinsi' | 'peidfowoti' 'bost. |
| 12 |  | 'piktit' $\wedge$ p. |

Table 86.
23 simple and 144 compound permutations.
Columns I. and III. to be co-ordinated.

|  | I. | II. | 111. |
| :---: | :---: | :---: | :---: |
| 1 | $\mathrm{ai}^{\prime}$ | 'so: | ma'self. |
| 2 | ju' | 'lukttt | ja'self.* |
| 3 | hi' | 'ha:t | him'self. |
| 4 | Si, | 'kst | $h{ }^{\text {r }}$ 'self. |
| 5 | wi' | in'dzoid | aua'selvz. |
| 6 | ju' | 'losst (or 'lost) | ja'selvz. ${ }^{\text {¢ }}$ |
| 7 | ðеi | 'didit | ðәm'selvz. |
| 8 | ai | 'sosit | mə'self. |
| 9 | . $\mathrm{u}^{\prime}$ | 'ha:dit | jo'self.* |
| 10 | hi' | ' $\theta$ o:tsou | him'self. |
| 11 | Si' | kə'rektidit | $h{ }^{\prime}$ 'self. |
| 12 | wi | 'sostuit | aua'selvz. |

Table 87.
23 simple and 144 compound permutations.
Columns I. and III, to be co-ordinated.

|  | 1. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ' isiz | 'wud, | 'izntit? |
| 2 | ' $\quad$ æts | 'stoun, | 'izntit? |
| 3 | 'Xis'iznt | 'leðә, | 'izit? |
| 4 | ' $\quad$ æt'iznt | 'peipə, | 'izit? |
| 5 | ju'geivime'pissev | 'ka:dbo:d, | 'didntju' ? |
| 6 | ju'wontsomə: ${ }^{\text {r }}$ | 'metl, | 'dountju'? |
| 7 | бә'riznteniməะ ${ }^{\text {r }}$ | 'aiən, | 'izðə ? |
| 8 | 'Xis'stafs'kozld | 'sti:l, | 'izntit? |
| 9 | бә'rizntmat | 'gould, | 'izðə? |
| 10 | $\chi^{\prime}$ 'ka:ntbimat ${ }^{\prime}$ | 'silve, | 'kænð¢ө ? |
| 11 | 'ðæt'ka:ntbi | 'led, | 'kænit ? |
| 12 | its'meidev | 'gla:s, | 'izntit? |

Table 88.
23 simple and 144 compound permutations.

|  |  |  |  |
| :---: | :---: | :---: | :---: |
| 1 | 'Xi:zə | 'naivz. |  |
| 2 | 'ðouzə | 'fo:ks. |  |
| 3 | 'Xi:zo'not | 'kıps. |  |
| 4 | 'ðouza'not | 'so:sez. |  |
| 5 | ${ }^{\prime}$ 'xi:z | 'pleits. |  |
| 6 | $\theta^{\prime}$ ¢ouz | 'glo'siz. |  |
| 7 | ' $\mathrm{iizz}^{\prime}$ '日inza'ko:ld | 'ki:z. |  |
| 8 | ai'wontafju: | 'mætSiz. |  |
| 9 | 'letmi'hævsəm | 'penz. |  |
| 10 | 'a:ðəmeni | 'penslz. |  |
| 11 | $\chi_{\partial}$ 'ra:ntmeni | 'eksesaizbuks. |  |
| 12 | dju' wontso'mo: | 'flauez. |  |


|  | I. and II. |  | III. | IV. | V. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 | 'getit <br> 'hævit <br> ai'got'main <br> ai'hædði' ${ }^{\prime}{ }^{\text {Ø }}$ әz |  | 'dın <br> 'brost'hia <br> 'mendid <br> 'printid | djuəri引ðə** | 'holediz. <br> 'wi:k: <br> 'man $\theta$. <br> 'mo:niŋ. |
| 6 7 8 9 10 11 12 | aimast <br> ai'hævtə <br> ai'hædta <br> aijəl'hævto <br> aimto <br> aiwaztə <br> ai'wozntta <br> aim'gouintə | 'getit <br> 'hævit | 'ritn <br> 'fild <br> ke'rektid <br> tra:ns'leitid <br> 'kıt <br> 'si:ntu' <br> 'kli:nd <br> 't $\int$ e. $n d y_{3} \mathrm{~d}$ |  | a:fte'nu:n. <br> 'i:vniy. <br> 'dei. <br> 'nait. <br> 'spriy. <br> 'samə. <br> 'o:təm. <br> 'winta. |

*Replace [ $\chi_{2}$ ] by [ $\left.\chi_{\mathrm{i}}\right]$ when followed by a vowel.

## Table 90.

23 simple and 144 compound permutations.
Columns I. and III. to be co-ordinated.

|  | I | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | ai'hævta | pra'naunsitlaik' ${ }^{\text {¢ }}$ ¢t, | 'hævntai? |
| 2 | ai'hædto | tra:ns'leititintu'inglif, | 'hædntai ? |
| 3 | aiv'gotta | 'tJu:zðo'wınailaik'best, | 'hævntai? |
| 4 | ai'hævntgotto | 'haiditsamweə, | 'hævai ? |
| 5 | ai'hædntgotte | 'koılði'ıдәz, | 'hædai ? |
| 6 | aid'gotto | 'ko=lonim, | 'hædntai ? |
| 7 | aimto | 'sit'daun, | 'a:ntai? |
| 8 | hi'zta | 'strend' $\wedge$ ¢, | 'iznti'? |
| 9 | jo'to | 'livin'lındən, | 'a:ntju' ? |
| 10 | jo' ${ }^{\text {n }}$, ${ }^{\text {de }}$ | 'getto'lındəntə' nait, | 'a:ju' ? |
| 11 | aiwzzto | 'liftit, | 'wozntai ? |
| 12 | ai'wozntto | 'spaildom, | 'wozai ? |


|  | I. | II |
| :---: | :---: | :---: |
| 1 | ai' ${ }^{\prime}{ }^{\text {a }}$ : $\mathrm{ti}^{\prime}$ |  |
| 2 | aiss'pouzdi' | tra:ns'leitidit'biedli. |
| 3 | aii'mædzəndi' | 'tJouz ${ }^{\text {r }}$ ' best . |
| 4 | ai'fænsidi | 'hidit'samweə. |
| 5 | itsəmis'teikta' 'inki' $^{\prime}$ | 'ko:ldim. |
| 6 | hi 'traidto'meikmi'bi' li:vi' | 'ko:ldənim. |
| 7 |  | 'sæt'hiə. |
| 8 | its'kwait'pasoblðəti' | 'stud'才 ${ }^{\text {cos. }}$ |
| 9 |  | 'livdin'landən. |
| 10 | 'saməvði'sðəz | 'gotta'lındənin'taim. |
| 11 | ai'did日inkitwaza'pitihi' | 'liftidit'i:zili. |
| 12 | ai'du: ${ }^{\prime}$ igkitss'piti ${ }^{\prime}$ ' | 'spailtðamos1. |

Table 92.
23 simple and 144 compound permutations.
Columns I. and IV. to be co-ordinated.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | its'd ${ }^{\text {a }}$ st | laiko | 'haus, | 'izntit ? |
| 2 | itwaz'dzast |  | 'trein, | 'wozutit ? |
| 3 | its'ra: ${ }^{\text {¢ }}$ ə |  | 'pikt ${ }^{\text {e, }}$ | 'izntit? |
| 4 | itwəz'ra: ¢ $^{\text {a }}$ |  | 'steijn, | 'wozntit? |
| 5 | its's ${ }^{\text {c }}$ m $\mathrm{in}^{\text {g }}$ |  | 'taun, | 'izntit? |
| 6 |  |  | 'Sop, | 'wozntit? |
| 7 | itluks'd ${ }_{\text {¢ }}$ ast |  | 'dog, | 'dszntit? |
| 8 | itlukt'dz^st |  | 'kæt, | 'didntit? |
| 9 | it'dszntluk |  | 'hoss, | 'dAzit? |
| 10 | it'didntluk |  | 'wo:d, | 'didit? |
| 11 | itluks'ra:ðə |  | 'ga: dn , | 'dsuntit ? |
| 12 | itlukt'ra: ðə $^{\text {a }}$ |  | ${ }^{\text {woul, }}$ | 'didntit? |

23 simple and 144 compound permutations. Columns I. and IV. to be co-ordinated.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | ' Xiswanz | $\chi_{ə}$ | 'la:dzist, | 'izntit? |
| 2 | ' æ¢tw.nnz |  | 'smo:list, | 'izntit? |
| 3 | '才izza |  | 'best, | ' $\alpha$ :ntðei ? |
| 4 | 'ðouzə |  | 'wo:st, | 'a:ntðei ? |
| 5 | - Xiswanwzz |  | 'longist, | 'wazntit? |
| 6 | 'ðætwanwəz |  | 'So:tist, | 'wazntit? |
| 7 | 'סi:zwə |  | moust'intristily, | 'wə:ntðei? |
| 8 | it'ju:stabi |  | moust ${ }^{\prime}$ difiklt, | 'ju:sntit? |
| 9 | hi' $0: 1 w e i z ' t 5 u: z i z$ |  | moustim'poitnt, | 'dıznti' ? |
| 10 | hi' ${ }^{\prime}$ ¢ Iweiz'tJouz |  | moustkən'vi:njənt, | 'didnti'? |
| 11 | ju'oslweiz' wont |  | moust ${ }^{\prime}$ kımfatabl, | 'dountju' ? |
| 12 | ju'l'teik |  | moust'sju:təbl, | 'wountju' ? |

## Table 94.

23 simple and 144 compound permutations. Columns I. and IV. to be co-ordinated.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | aiw ${ }^{\text {z }}$ 'hia ${ }^{\text {r }}$ | $\left(\mathrm{fa}^{\mathrm{r}}\right)$ | əfju:'minits, | 'wozutai ? |
| 2 | aivbi $n^{\prime}{ }^{\text {hia }}{ }^{\text {r }}$ |  | a'kwostrava' nauə, | 'hæuntai? |
| 3 | aiwəz ðॄя ${ }^{\text {r }}$ |  | 'ha:fa'nauә, | 'wozntai ? |
| 4 | aiv'bi:nðعə ${ }^{\text {r }}$ |  | ðə'houl'mə:niy, | 'hævntai? |
| 5 | ai'didit |  | 'tu:'deiz, | 'didntai? |
| 6 | aivbi:n'du:init |  | ' $\theta$ ri:' wi:ks, | 'hæuntai? |
| 7 | aiwaz'weitiy |  | $a^{\prime}$ fo:tnait, | 'wozntai ? |
| 8 | aivbi:n'weitip |  | 'tu:'manls, | 'hævntai ? |
| 9 | ai'ju:zdit |  | 'Ori:'jozz, | 'didntai ? |
| 10 | aivbi:n'ju:zijit |  | $\partial^{\prime}$ 'o:t'taim, | 'hævntai ? |
| 11 | ai'hædit |  | $\partial^{\prime}$ lon'taim, | 'didutai? |
| 12 | aiv'hædit |  | $\partial^{\prime}$ nauərəuda' haz :, | 'hævntai? |


|  | I. | II. |
| :---: | :---: | :---: |
| 1 | aivbi:n'du:init | $\mathrm{f}_{\mathrm{f}}\left(\partial^{\prime}{ }^{\prime} \mathrm{la} \text { :st)}\right)^{\prime}$ twenti' minits. |
| 2 | aivbi:n'weitin |  |
| 3 | aivbi:n' wo:ki引ð ${ }^{\text {r }}{ }^{\text {r }}$ | fə'ha:fə' nauə (or fəðə'llastha:f'auə). |
| 4 | aivbi:n'telinim' ${ }^{\text {¢ }}$ ¢t | $\mathrm{f}_{\text {( }}\left(\mathrm{\partial}^{\prime} \mathrm{l} \text { a:st) }\right)^{\prime}$ '日ri:' wi:ks. |
| 5 | aivbi $n$ 'lisnintuit |  |
| 6 | aivbi:n'lukigætit |  |
| 7 | aiv'nounit | sins'wana'klok. |
| 8 | aiv'si:nit | sins'mandi. |
| 9 | aiv'hædit | sins'ma:tf. |
| 10 | ai'hævnt'si:nim | sins'nainti:nfos'ti:n. |
| 11 |  | ('eva)sinsai' so:ju'lasst.* |
| 12 | ai'hævnt'daneni | ('evz)'sins.* |

* ['eve] to be omitted in negative sentences.


## Table 96.

23 simple and 144 compound permutations.

|  | I. |
| :---: | :---: |
| 1 | it' $0:$ ttabi |
| 2 | woto' pitii'tiznt |
| 3 | ' $\mathrm{Xi}: z^{\prime} \mathrm{\theta ig}^{\prime} z^{\prime}$ o:ttebi |
| 4 | it'dızsi:mə' pitii'tiznt |
| 5 | itad'betobi |
| 6 | ðei'ju:stəbi |
| 7 | it $\iint 0:$ trbi |
| 8 | 'Xi:z'Oiŋza' neve |
| 9 | 'veri' fju:əvðəmə |
| 10 | 'ha:dli'eniovðəmə |
| 11 | 'wai' wozntit |
| 12 | it'osttuevbi:n |


|  | I. | 11. |
| :---: | :---: | :---: |
| 1 | ai' ${ }^{\prime}$ ijk | sou. |
| 2 | aiik'spekt | 'rot. |
| 3 | aibi'li:s | it'mastbiða'seim'tir. |
| 4 | aisópoum | itwonts'kli:nip. |
| 5 | ai'fænsi | ðәz'ounli'wan'left. |
| 6 | aii' mıedzəon | its'betaðon'matiy. |
| 7 | aime'freid | aikj'getwanfa'nıAiy. |
| 8 | hi' ${ }^{\prime}$ 'tijks | its'matiy. |
| 9 | hi'ss'pouziz | its'tu:'mats. |
| 10 | hi'si:mzta' ${ }^{\text {a }}$ ijk | its'm.atj'heta. |
| 11 | aijad' $\mathrm{ing}^{\text {a }}$ | its'rcı:ða'tu:'ffı: |
| 12 | ai引ədi'mædzəu |  |

## Table 98.

36 simple and 5,184 compound permutations.

|  | I. | II. | III. | IV. | V. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 5 4 6 7 8 9 10 11 12 | if <br> 'i:vnif <br> if'evar | aid | 'd $A$ nit, <br> 'si:nit, <br> 'teiknit, <br> and ${ }^{\prime}$ studit, <br> 'bi:n, <br> 'gonðモə, <br> fo'gotnit, <br> 'faundit, <br> 'wontidit, <br> 'hostit, <br> 'losstit (or 'lostit), <br> 'metim, | aidav <br> ais,dar <br> hi'dar <br> ai' wuditer <br> ai'Sudntay <br> hi'sudntav <br> ai' maitər <br> hi' maitav <br> ai' maitntar <br> hi' 'maitntar <br> ai' ${ }^{\prime}$ inkaidav <br> ain'foraidav | 'touldju' <br> 'ritntu: $\mathbf{u}$. <br> 'spoukntu ju. <br> 'sentjua'ka:d. <br> 'letju'nou. <br> 'gon'houm. <br> 'kamta'ju:. <br> 'kam'streitta'ju:. <br> fa'gatnta'telju'. <br> ri'membadit. <br> hi'na'blaidzdta'telju'. <br> hi'u' veri'plizzd. |


|  | I. |  |
| :---: | :---: | :---: |
| 1 | ðәrəsəm | 'beta'kwolatiz. |
| 2 | $\chi^{\prime}$ ra:nteni | 'sioriasmis'teiks. |
| 3 | әðə'reni (or 'a: Əəreni) $^{\text {a }}$ | 'kjuәries'ru:lz. |
| 4 | 'a:ntðəreni | 'skweəwınz |
| 5 | ðәwasวm | 'strongewanz. |
| 6 | ðə'wə:nteni | 'to:lwanz. |
| 7 | wəðə'reni | 'deind3rəs'ko:nəz |
| 8 | 'wazntðəreni | 'o:flig' za:mplz. |
| 9 | ai' ${ }^{\text {® }}$ inkðərəsəm | 'nais' wo:ksð¢ə. |
| 10 | ai' ®o:tðəw wasam $^{\text {a }}$ |  |
| 11 |  | 'peniwanz. |
| 12 | ai' wandədweðəðəwəreni | 'tapniwanz. |

Table 100.
48 simple and 124,416 compound permutations.

|  | I. | II. | III. | IV. | V. | VI. | VII. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | hi' 'keimtu'ipglənd |  | 'fo:st | əv | 'dzænjuəri | 'eiti:n | 'handrad. |
| 2 | itwaz'dan |  | 'seknd |  | 'februari | 'nainti:n | 'wan. |
| 3 | ðeiwə'finift |  | ' $\theta$ asd |  | 'masts |  | 'tus. |
| 4 | aiwaz' bo:n |  | 'fə: $\theta$ |  | 'eiprol |  | ' $\theta$ ri:. |
| 5 | hi'wzz'mærid |  | 'fife |  | 'mei |  | 'fo:. |
| 6 | hi'gət'mærid |  | 'nainti:n $\theta$ |  | 'dzu:n |  | 'twenti. |
| 7 | hi'waza'laiv |  | 'twentiie |  | dzu:'lai |  | 'Өa:ti |
| 8 | hi' ${ }^{\text {daid }}$ |  | 'twenti' fo:st |  | 'ozgest |  | 'fosti. |
| 9 | hi'waz'berid |  | 'twenti'seknd |  | səp'temba |  | 'fifti. |
| 10 | 'noubadi' so:im |  | 'twenti' ${ }^{\text {arad }}$ |  | ak'toubs |  | sevnti'sevn. |
| 11 | it'hæpnd |  | 'twenti' 0 : $\theta$ |  | no'vemb* |  | eiti'eit. |
| 12 | itə ${ }^{\prime} \mathrm{k} ə$ :d |  | ' a atiii |  | di'semba |  | nainti'nain. |

## ORTHOGRAPHIC TEXT

## SUBSTITUTION TABLES

## Orthographic Text

27 simple and 2,304 compound permutations.

|  | I. | II. | III. | J.V. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | - | I | always | do it. |
| 2 | Yes, | you | often | take it. |
| 3 | Oh yes, | we | sometimes | see it. |
| 4 | Of course | they | rarely | know it. |
| 5 | Perhaps |  | seldom | understand it. |
| 6 | That's why |  | never | come here. |
| 7 |  |  | hardly ever | go to London. |
| 8 |  |  | nearly always | go there. |
| 9 |  |  |  | speak English. |
| 10 |  |  |  | tell him. |
| 11 |  |  |  | ask him. |
| 12 |  |  |  | wait for him. |

## Table 2.

34 simple and 7,728 compound permutations.

|  | I. | II. | III. | IV. | V. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | - | I | don't | always often | do it. <br> take it. <br> see it. <br> know it. <br> understand it. <br> come here. <br> go to London. <br> go there. <br> speak English. <br> tell him. <br> ask him. <br> wait for him. |
| 2 | Of course | you | didn't |  |  |
| 3 | Perhaps | we |  |  |  |
| 4 | You see | they | won't |  |  |
| 5 | I'm glad |  | can |  |  |
| 6 | I'm sorry |  | can't |  |  |
| 7 | I'm sure |  | must |  |  |
| 8 |  |  | mustn't |  |  |
| 9 | I'm certain |  | shall |  |  |
| 10 |  |  | shan't |  |  |
| 11 |  | all I |  |  |  |
| 12 |  | 111 you |  |  |  |


| I. | II. | III. | IV. | V. |  |
| ---: | :--- | :--- | :--- | :--- | :--- |
| 1 | - | he | didn't | see | me. |
| 2 | No, | she | 'll (or will $)$ | know | you. |
| 3 | Oh no, | they | can | understand | him. |
| 4 | Of course | John | can't | tell | her. |
| 5 | Perhaps |  | must | ask | us. |
| 6 | That's why |  | mustn't | wait for | them. |
| 7 | Very well, |  |  | this. |  |
| 8 | All right, |  |  | that. |  |
| 9 | Never mind, |  |  | these. |  |
| 10 | It doesn't matter, |  |  |  | those. |
| 11 | Besides, |  |  | the other. |  |
| 12 |  |  |  | the others. |  |

## Table 4.

29 simple and 1,008 compound permutations.

|  | I. | II. | III. |
| ---: | :--- | :--- | :--- |
| 1 | Do | you | do it ? |
| 2 | Don't | we | take it? |
| 3 | Did | they | see it ? |
| 4 | Didn't | the others | know it ? |
| 5 | Will | your friends | understand it ? |
| 6 | Won't | people | come here ? |
| 7 | Can | the other people | go to London? |
| 8 | Can't |  | go there ? |
| 9 | Must |  | speak English? |
| 10 | Mustn't |  | tell him? |
| 11 | Why do |  | ask him? |
| 12 | When did |  | wait for it? |

## 23 simple and 144 compound permutations.

## I.

II.
to-day.
to-morrow.
this week.
this month.
this year.
this time.
next week.
on Sunday.
next Sunday.
at one o'clock.
in March.
next March.

## Table 6.

23 simple and 144 compound permutations.
I.

1 I didn't come here
2 : Why did you go
3 He didn't go
4 We didn't do it
5 I didn't know it
6 They didn't take them
7 We didn't tell him
8 Did you see him
9 Why did you go
10 Where did you go
11 Which did you take
12 What did you see
yesterday.
last week.
last month.
last year.
last time.
on Sunday.
last Sunday.
at one o'clock.
in March.
last March.
in June.
then.

Table 7.
41 simple and 69,120 compound permutations.

|  | I. | II. | III. | IV. | V. | VI. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | He'll | tell | me | to | do it | to-day. |
| 2 | He won't | ask | you | not to | take it | to-day or to-morrow. |
| 3 | He didn't | allow | him |  | come here | this week. |
| 4 | He can | advise | her |  | go to London | next month. |
| 5 | He can't |  | us |  | speak English | next time. |
| 6 | She must |  | them |  | ask him | on Sunday. |
| 7 | She mustn't |  |  |  | wait | on Tuesday. |
| 8 | Don't |  |  |  | wait for him | next Sunday. |
| 9 | Please don't |  |  |  | go there | next Tuesday. |
| 10 | Why didn't you |  |  |  | be here | next week. |
| 11 |  |  |  |  | be there | next month. |
| 12 |  |  |  |  | wait there | next year. |

Table 8.
32 simple and 1,440 compound permutations.

|  | I. | II. |  |
| ---: | :--- | :--- | :--- | :--- |
| 1 | Tell him it's | my | hat. |
| 2 | Tell them it's | your | book. |
| 3 | Is it | his | chair. |
| 4 | It isn't | her | name. |
| 5 | I can see | our | house. |
| 6 | Where did you see | their | letter. |
| 7 | Tell him it isn't | the | question. |
| 8 | Of course it's | a | lesson. |
| 9 | Perhaps it's | my friend's | friend. |
| 10 | Of course it isn't | my father's | father. |
| 11 |  | John's | hat and book. |
| 12 |  | your friend's | name and address. |

Table 9.
22 simple and 432 compound permutations.

|  | I. | II. | III. |
| ---: | :--- | :--- | :--- |
| 1 | Yes, tell him it's | my | answer. |
| 2 | No, don't tell him it's | your | address. |
| 3 | Please tell him it's | his | opinion. |
| 4 | Is it | her | idea. |
| 5 | Tell him it isn't | our | office. |
| 6 | Did you tell him about | their | umbrella. |
| 7 |  | the |  |
| 8 |  | an |  |
| 9 | my own |  |  |
| 10 | your own |  |  |
| 11 | his own |  |  |
| 12 | our own |  |  |

Table 10.
24 simple and 576 compound permutations.

|  | I. | II. | III. |
| :--- | :--- | :--- | :--- |
| 1 | I didn't see | the | hats. |
| 2 | Did you see | my | books. |
| 3 | I can't see | your | chairs. |
| 4 | Where did you see | his | names. |
| 5 | These are | her | houses. |
| 6 | Those are | our | letters. |
| 7 |  | their | questions. |
| 8 |  | two |  |
| 9 |  | three |  |
| 10 |  | four |  |
| 11 | a few |  |  |
| 12 |  | a lot of |  |


|  | I. |  | 111. |
| :---: | :---: | :---: | :---: |
| 1 | Take | one |  |
| 2 | Please take | two | of these. |
| 3 | I'll take | three | of those. |
| 4 | I can see | four | of the others. |
| 5 | I know | five | of the letters. |
| 6 | I understand | six | of the books. |
| 7 | You didn't take | seven | of each. |
| 8 | Did you take | eight | and a half. |
| 9 | Did you see | nine | and a quarter. |
| 10 | Why did he take | ten |  |
| 11 | Tell him to take | eleven |  |
| 12 | Can I take | twelve |  |

Table 12.
23 simple and 144 compound permutations.

|  | I. | II. |
| :---: | :---: | :---: |
| 1 | I | keep it. |
| 2 | You | begin it. |
| 3 | We | finish it. |
| 4 | They | stay here. |
| 5 | I don't | put it here. |
| 6 | I didn't | remember it. |
| 7 | I'll | forget it. |
| 8 | I won't | like it. |
| 9 | I can | keep this. |
| 10 | I can't | finish that. |
| 11 | I must | put it there. |
| 12 | I mustn't | stay there. |


| I. |  | II. | III. |
| ---: | :--- | :--- | :--- |
| 1 | I must | take | mine. |
| 2 | Tell him to | see | yours. |
| 3 | I tell her to | keep | his. |
| 4 | They'll tell us to | begin | hers. |
| 5 | I can't | finish | ours. |
| 6 | I'll | forember | theirs. |
| 7 | I won't | wait for | John's. |
| 8 | I didn't | ask you to take | one. |
| 9 | Didn't I | tell you to take | a little. |
| 10 | Didn't we | give you | a few. |
| 11 | When did I | lend you | a lot. |
| 12 | Why did you |  | enough. |

## Table 14.

34 simple and 1,728 compound permutations.

|  | I. | II. | III. | IV. |
| ---: | :--- | :--- | :--- | :--- |
| 1 | He | does it | every | day. |
| 2 | She | takes it |  | week. |
| 3 | Who | keeps it |  | month. |
| 4 | Perhaps he | begins it |  | year. |
| 5 | He tells me (that) he | finishes it |  | fortnight. |
| 6 | He knows (that) he | likes it | other day. |  |
| 7 | He understands (that) he | gives you one |  | other time. |
| 8 | He sees (that) he | lends you one |  | three weeks. |
| 9 | She remembers (that) he | goes to London |  | morning. |
| 10 | He never | speaks English |  | afternoon. |
| 11 | He comes and | stays here |  | evening. |
| 12 | She forgets (that) he | puts it here |  |  |


|  | I. | II. | III. |
| ---: | :--- | :--- | :--- |
| 1 | He doesn't | always | often |
| 2 | She doesn't | generally | do it. |
| 3 | Does he | take it. |  |
| 4 | Doesn't he | see it. |  |
| 5 | Doesn't she | really | know it. |
| 6 | Of course she doesn't | understand it. |  |
| 7 | Why does he | keep it. |  |
| 8 | How does he | begin it. |  |
| 9 | My friend doesn't |  | finish it. |
| 10 | Does your friend | forget it. |  |
| 11 | Does your father | remember it. |  |
| 12 | Why doesn't your friend |  | stay here. |

## Table 16.

34 simple and 1,728 compound permutations.

| I. |  | II. | III. |
| ---: | :--- | :--- | :--- |
| 1 | He'll see me | if | I do it. |
| 2 | He won't see me | when | I take it. |
| 3 | He can't see me | till | I go to London. |
| 4 | He'll come here | until | I begin it. |
| 5 | He won't come here | before | I finish it. |
| 6 | He generally tells me | ascause | I tell him. |
| 7 | He usually tells me | directly | I put it here. |
| 8 | He's pleased | unless | I give you one. |
| 9 | He's glad | even if | I lend you one. |
| 10 | He's sorry | since | I ask for it. |
| 11 | He's happy | although | I go. |
| 12 | He's disappointed |  |  |


|  | I. |  |
| ---: | :--- | :--- |
| 1 | Of course I | II. |
| 2 | I tell you he | did it. |
| 3 | I remembered (that) I | took it. |
| 4 | We saw (that) he | gave you one. |
| 5 | I asked him whether he | kept it. |
| 6 | I came before I | began it. |
| 7 | I told him (that) I | finished it. |
| 8 | I forgot (that) I | lent you one. |
| 9 | I stayed here because I | went to London. |
| 10 | I knew (that) he | spoke English. |
| 11 | Somebody | put it here. |
| 12 | Everybody | liked it. |

## Table 18.

23 simple and 144 compound permutations.
I.

1
2 Did you see it
3 ! Who came
4 What did you do
5 Did you wait for it
6 Everybody came
7 | Somebody came here
8 He didn't come until
9 Which one did you take
10 What did you také
11 Whose did you see
12 How much did you take
on Monday.
last Thursday. in May.
in August.
at half past ten.
this morning.
this afternoon.
this evening.
yesterday morning.
yesterday afternoon.
yesterday evening.
then.

## Table 19.

30 simple and 1,152 compound permutations.

|  | I. | II. | III. |
| ---: | :--- | :--- | :--- |
| 1 | I think (that) | I'll finish everything | on Monday. |
| 2 | I expect (that) | I'll see something | next Thursday. |
| 3 | I believe (that) | we'll see everybody | in May. |
| 4 | I suppose (that) | we'll see somebody | in August. |
| 5 | I hope (that) | it'll begin | at half past ten. |
| 6 | I mean (that) | somebody will come | this morning. |
| 7 | He thinks (that) | everybody will know | this afternoon. |
| 8 | He expects (that) | this evening. |  |
| 9 | He believes (that) | to-morrow morning. |  |
| 10 | He supposes (that) | to-morrow afternoon. |  |
| 11 | He hopes (that) | to-morrow evening. |  |
| 12 | He means (that) |  | then. |

Table 20.
34 simple and 1,728 compound permutations.

| I. | II. | III. |  |
| ---: | :--- | :--- | :--- | :--- |
| 1 | I'll do it if | I'm (or I am $)$ | here. |
| 2 | He thinks (that) | he's (or he is) | there. |
| 3 | He believes (that) | she's (or she is) | in. |
| 4 | He hopes (that) | we're (or we are) | at home. |
| 5 | He supposes (that) | you're (or you are) | out. |
| 6 | He means (that) | they're (or they are) | away. |
| 7 | He doesn't think (that) | I'm not (or I am not) | back. |
| 8 | He doesn't know (that) | he isn't (or he is not) | upstairs. |
| 9 | Don't forget (that) | she isn't (or she is not) | downstairs. |
| 10 | Please don't tell him (that) | we're not (or we are not) | in London. |
| 11 | How do you know (that) | you're not (or you are not) | in England. |
| 12 | Why don't you tell him (that) | they're not (or they are not) $)$ | in France. |

Table 21.
31-simple and 1,296 compound permutations.

|  | 1. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 2 3 4 5 6 7 8 9 10 11 12 | It's <br> It isn't <br> Is it <br> I tell you (that) it's <br> I'll take it because it's <br> I'm glad (that) it's <br> I'm pleased (that) it's <br> I'm sorry (that) it's <br> I'm sure (that) it's <br> I'm certain (that) it's <br> I think (that) it's <br> I suppose (that) it's | - very rather too so quite so very fairly pretty | black. <br> white. <br> red. <br> blue. <br> large. <br> big. <br> small. <br> new. <br> old. <br> good. <br> bad. <br> nice. |

Table 22.
34 simple and 1,728 compound permutations.

| I. | II. |  |  |
| ---: | :--- | :--- | :--- |
| 1 | How do you know (that) | I'm | III. |
| 2 | Why do you think (that) | he's | tired? |
| 3 | I mean (that) | she's | busy ? |
| 4 | Tell him (that) | we're | ready ? |
| 5 | Don't tell him (that) | you're | free ? |
| 6 | I say (that) | they're | wrong ? |
| 7 | He says (that) | I'm not | he isn't |
| 8 | Don't say (that) | she isn't | young ? |
| 9 | I don't say (that) | we're not | better? |
| 10 | Do you think (that) | you're not | glad? |
| 11 | You see (that) | they're not | pleased i |
| 12 | I don't know why |  | sorry ? |


|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | Am I | always | here? |
| 2 | Is he | often | there? |
| 3 | Is she | generally | at home? |
| 4 | Are we | usually | in England? |
| 5 | Are you | still | in France ? |
| 6 | Are they | ever | in Belgium? |
| 7 | Aren't I (or Am I not) | nearly always | in Germany ? |
| 8 | Isn't he (or Is he not) |  | in Russia ? |
| 9 | Isn't she (or Is she not) |  | in Denmark ? |
| 10 | Aren't we (or Are we not) |  | in Sweden? |
| 11 | Aren't you (or Are you not) |  | in Norway? |
| 12 | Aren't they (or Are they not) |  | in America? |

## Table 24.

28 simple and 864 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 5 6 7 8 9 10 11 12 | But <br> Of course <br> You see <br> I daresay <br> In the first place, | I've (or I have) <br> you've (or you have) <br> we've (or we have) <br> they've (or they have) <br> he's (or he has) <br> she's (or she has) <br> I haven't (or I have not) you haven't (or you have not) we haven't (or we have not) they haven't (or they have not) he hasn't (or he has not) she hasn't (or she has not) | got | it. <br> them. <br> mine. <br> yours <br> a book. <br> something to do." <br> one like that. <br> enough. <br> enough money. <br> enough of this. <br> enough of that. <br> two or three like that. |

*     - In negative sentences replace something by anything.

27 simple and 720 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Have you | got | a large | one? |
| 2 | Have I |  | a small | piece? |
| 3 | Have we |  | a good | part? |
| 4 | Have they |  | a bad | hat? |
| 5 | Has he |  | a black | book ? |
| 6 | Has she |  | a white |  |
| 7 | Haven't you |  | the large |  |
| 8 | Haven't I |  | the little |  |
| 9 | Haven't we |  | the right |  |
| 10 | Haven't they |  | the wrong |  |
| 11 | Hasn't he |  | rather a large |  |
| 12 | Hasn't she |  | a very large |  |

Table 26.
23 simple and 144 compound permutations.

|  | I. |  | III. |
| :---: | :---: | :---: | :---: |
| 1 | I | want to | do it. |
| 2 | You |  | take it. |
| 3 | We |  | wait for it. |
| 4 | I don't |  | tell him. |
| 5 | He doesn't |  | be here. |
| 6 | I didn't |  | be ready. |
| 7 | Do you |  | have it. |
| 8 | Does he |  | have one. |
| 9 | Did you |  | have a piece of it. |
| 10 | Didn't you |  | have a part of it. |
| 11 | He wants to <br> I wanted to |  | have one just like this. |
| 12 |  |  | have one just like that. |


|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | I | want | it. |
| 2 | You | want to take | them. |
| 3 | We | want to have | a book. |
| 4 | I don't | want to see | him. |
| 5 | He doesn't | want to understand | this. |
| 6 | I didn't |  | that. |
| 7 | Do you |  | these. |
| 8 | Does he |  | those. |
| 9 | Did you |  | a piece of it. |
| 10 | Didn't you |  | a part of it. |
| 11 |  | nts | one just like this. |
| 12 |  | ted | one just like that. |

Table 28.
34 simple and 1,728 compound permutations.

|  | I. |  |  |
| :--- | :--- | :--- | :--- |
|  | I was | II. |  |
| 2 | He was | here | then. |
| 3 | She was | there | on We3nesday. |
| 4 | We were | at home | in April. |
| 5 | You were | out | at a quarter to seven. |
| 6 | They were | away | when you came. |
| 7 | I wasn't | busy | when you saw me. |
| 8 | He wasn't | ready | when you wanted me. |
| 9 | She wasn't | free | when you told him. |
| 10 | We weren't | right | when you came in. |
| 11 | You weren't | wrong | a few days ago. |
| 12 | They weren't |  | a long time ago. |

Table 29.
I.

Was I
Was he
Was she
Were we
Were you
Were they
Wasn't I
Wasn't he
Wasn't she
Weren't we
Weren't you
Weren't they

## back ?

upstairs?
downstairs?
in England ?
in London?
in France?
well ?
better?
sure?
hungry ?
thirsty ?
sleepy?

Table 30.
23 simple and 144 compound permutations.

## I.

II.
there.
home.
to England.
to France.
to Belgium.
to Germany.
to Russia.
to the post.
to the station.
to the office.
to America.
to Japan.

|  | I. | II. |  |
| ---: | :--- | :--- | :--- | :--- |
| 1 | I'd | got | III. |
| 2 | You'd |  | this. |
| 3 | We'd |  | that. |
| 4 | They'd |  | this one. |
| 5 | He'd |  | that one. |
| 6 | She'd |  | these. |
| 7 | I hadn't |  | those. |
| 8 | You hadn't |  | a good one. |
| 9 | He hadn't |  | the good one. |
| 10 | She hadn't |  | the good ones. |
| 11 | We hadn't |  | another. |
| 12 | They hadn't |  | the other. |

Table 32.
34 simple and 1,728 compound permutations.

|  |  | I. | II. | III. |
| ---: | :--- | :--- | :--- | :--- |

34 simple and 1,728 compound permutations.

|  | I. | II. | III. | IV. |
| ---: | :--- | :--- | :--- | :--- |
| 1 | I'll (or I shall) | be | here | on Wednesday. |
| 2 | You'll | there | on Friday. |  |
| 3 | He'll | in | on Saturday. |  |
| 4 | We'll (or We shall) |  | at home | in June. |
| 5 | They'll | home | in July. |  |
| 6 | My friend will | out | in September. |  |
| 7 | I won't (or I shan't) |  | away | next Wednesday. |
| 8 | You won't | back | at five to seven. |  |
| 9 | He won't | upstairs | at five past nine. |  |
| 10 | We won't (or We shan't) |  | in London | presently. |
| 11 | They won't | ready | later on. |  |
| 12 | My friend won't |  | free | directly. |

Table 34.
34 simple and 1,728 compound permutations.

| I. | II. |  | III. |
| ---: | :--- | :--- | :--- |
| 1 | There's a | book | chair |
| 2 | There isn't a | word | here. |
| 3 | Is there a | mistake | upstairs. |
| 4 | Isn't there a | man | downstairs. |
| 5 | There was a | lady | somewhere. |
| 6 | There wasn't a | gentleman | in here. |
| 7 | Was there a | lady and gentleman | in there. |
| 8 | Wasn't there a | dozen | over here. |
| 9 | There will be a | hundred | over there. |
| 10 | There won't be a | thousand | up here. |
| 11 | Will there be a | million | up there. |
| 12 | Won't there be a |  | downstairs. |


|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | How many | - | have you got? |
| 2 | What | books | has he got? |
| 3 | Which | letters | had you got? |
| 4 | Whose | chairs | did you see? |
| 5 |  | addresses | did you take? |
| 6 |  | questions | do you want? |
| 7 |  | pieces | did you want? |
| 8 |  | black books | did the others take? |
| 9 |  | big pieces | did your friends see? |
| 10 |  | big ones | are here? |
| 11 |  | new ones | are there? |
| 12 |  | old ones | are there? |

## Table 36.

45 simple and 20,736 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | - | give it | to him | - |
| 2 | Please | send it | to her | when you have time. |
| 3 | Will you | lend it | to me | when you've got time. |
| 4 | Will you please | sell it | to us | whenever you can. |
| 5 | I want you to | take it | to them | when you get a chance. |
| 6 | I'd like you to | bring it | to him | when you go. |
| 7 | Could you | show it | to her | some time or other. |
| 8 | You'd better | explain it | to me | if it's no trouble. |
| 9 | Just | speak | to $u s$ | if you don't mind, |
| 10 | Try to | talk | to them | if possible. |
| 11 | Try and | write | to your friend | in two days' time, |
| 12 | I think you can | read it | to your father | in an hour's time. |

41 simple and 13,824 compound permutations.

|  |  | I. |  | III. |
| ---: | :--- | :--- | :--- | :--- |

## Table 38.

34 simple and 1,728 compound permutations.

|  | I. |  | II. |
| ---: | :--- | :--- | :--- |
| 1 | I | gave it | to him. |
| 2 | You | sent it | to her. |
| 3 | He | lent it | to me. |
| 4 | I thought I | sold it | to us. |
| 5 | Somebody | took it | to them. |
| 6 | Nobody | brought it | to him. |
| 7 | It's all right if you | showed it | to her. |
| 8 | I'm sure I | explained it | to the others. |
| 9 | I'm glad you | spoke | to the man. |
| 10 | I was glad you | wrote | to those people. |
| 11 | I was sorry you | read it | to the other man. |
| 12 | It's a pity you |  | to everybody. |

34 simple and 1,728 compound permutations.

|  | I. | II. |  |
| ---: | :--- | :--- | :--- |
| 1 | - | it's | very funny. |
| 2 | He says | it was | quite true. |
| 3 | He tells me | it will be | very early. |
| 4 | He thinks | it isn't | very late. |
| 5 | I expect | it wasn't | open. |
| 6 | I suppose | it won't be | it looks |
| 7 | I know | it looked | green. |
| 8 | I fancy | it must be | brown. |
| 9 | I rather fancy | it can't be | grey. |
| 10 | He fancies | it may be | yellow. |
| 11 | I'm sure | it might be | quite different. |
| 12 | He's sure |  | the same thing. |

Table 40.
23 simple and 144 compound permutations.
I.

I'm (just)
He's (just)
She's (just)
We're (just)
You're (just)
They're (just)
I'm not
He isn't
She isn't
We're not
You're not
They're not
II.
doing it.
taking it.
coming.
going.
speaking to him.
telling him.
asking him.
keeping it.
beginning it.
finishing it.
staying here.
putting it here.

|  | I. |  |
| ---: | :--- | :--- |
| 1 | Are you | II. |
| 2 | Is he | giving it to him ? |
| 3 | Is she | sending it to him ? |
| 4 | Am I | lending it to him ? |
| 5 | Are we | taking it to him ? |
| 6 | Are they | waiting ? |
| 7 | Aren't you | bringing it here ? |
| 8 | Isn't he | showing it to him ? |
| 9 | Isn't she | explaining it ? |
| 10 | An't I | speaking English ? |
| 11 | Aren't we | talking? |
| 12 | Aren't they | reading ? |

Table 42.
34 simple and 1,728 compound permutations.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | - | go | there (or here).* |
| 2 | I | come |  |
| 3 | I don't | put it | out. |
| 4 | I didn't | take it | away. |
| 5 | I must | send it | back. |
| 6 | I want to | pull it |  |
| 7 | I shall | push it | down. |
| 8 | I should | throw it | on. |
| 9 | I ought to | bring it | off. |
| 10 | I had better | keep it | over. |
| 11 | I would rather | get | under. |
| 12 | I used to | walk | through. |

[^3]|  | I. |  |  |
| ---: | :--- | :--- | :--- |
| 1 | Shall I | II. |  |
| 2 | I want to | get it at the post ? |  |
| 3 | I mean to | get my hat ? |  |
| 4 | I meant to | go back ? |  |
| 5 | I hope to | go on ? |  |
| 6 | I hoped to | do it again ? |  |
| 7 | I expect to | see him again ? |  |
| 8 | I expected to | come too ? |  |
| 9 | I try to | do it too ? |  |
| 10 | I tried to | put the others back ? |  |
| 11 | I'm bound to | ask him why ? |  |
| 12 | I'm supposed to | go with you? |  |

Table 44.
23 simple and 144 compound permutations.

|  |  | II. |  |
| ---: | :--- | :--- | :--- |
| 1 | I. | III. |  |
| 1 | I don't know | what | it is. |
| 2 | Tell me | who |  |
| 3 | Ask him | which |  |
| 4 | Can you tell me | which one |  |
| 5 | I want to know | whose |  |
| 6 | Do you know | where |  |
| 7 | Shall you tell him | when |  |
| 8 | Don't forget | why |  |
| 9 | Don't forget to tell him | how |  |
| 10 | Let me know | how much |  |
| 11 | I wonder | how far |  |
| 12 | He wonders | how large |  |


|  |  |  |  |
| ---: | :--- | :--- | :--- |
| 1 | What | I. |  |
| 2 | Who |  |  |
| 3 | Which | is this? |  |
| 4 | Which one | is that? |  |
| 5 | Which book |  |  |
| 6 | Whose |  |  |
| 7 | Whose book |  |  |
| 8 | Where |  |  |
| 9 | When |  |  |
| 10 | Why |  |  |
| 11 | How |  |  |
| 12 | How much |  |  |

## Table 46.

.23 simple and 144 compound permutations.

|  | I. | II. |
| ---: | :--- | :--- |
| 1 | I really don't know | what to do. |
| 2 | Will you tell me | what to take. |
| 3 | I want to tell him | which one to bring. |
| 4 | I ought to tell him | whose book to take. |
| 5 | I ought not to tell him | where to go. |
| 6 | I'd better not tell him | where to get one. |
| 7 | I'd better ask him | when to come back. |
| 8 | I'd rather tell him | when to go away. |
| 9 | I'd rather not tell him | how to go on. |
| 10 | I'd very much like to know | how to do it. |
| 11 | Whyever don't you tell him | how much to take. |
| 12 | I often wonder | how much to give him. |


|  | I. |  |
| ---: | :--- | :--- |
| 1 | I wonder |  |
| 2 | He's wondering |  |
| 3 | I often wonder | whether it's here. |
| 4 | I don't know | whether it's mine. |
| 5 | I've got no idea | whether he's tired. |
| 6 | I have no idea | whether he's often here. |
| 7 | It doesn't matter | whether he wants to go back. |
| 8 | I haven't the slightest idea | what it is. |
| 9 | I'd so much like to know | where I am. |
| 10 | I'd give anything to know | where you are. |
| 11 | I'm very anxious to know | what he does. |
| 12 | You really can't know | which one it is. |

Table 48.
23 simple and 144 compound permutations.

|  | I. |  |
| ---: | :--- | :--- |
| 1 | It costs |  |
| 2 | It cost me | a halfpenny. |
| 3 | It doesn't cost | a penny. |
| 4 | He charged me | three halfpence. |
| 5 | He always charges | twopence. |
| 6 | I paid him | twopence halfpenny. |
| 7 | I can't afford to pay | threepence. |
| 8 | Can you let me have | fourpence. |
| 9 | I owe you | sixpence. |
| 10 | He owed me | a shilling. |
| 11 | I lent him | one and six. |
| 12 | That'll be | half a crown. |


| I. |  | II. | III. |
| ---: | :--- | :--- | :--- |
| 1 | Count up to | twenty | one. |
| 2 | Count as far as | thirty | two. |
| 3 | I counted up to | forty | three. |
| 4 | I had to throw away about | fifty | four. |
| 5 | It isn't worth while taking | sixty | five. |
| 6 | It wasn't worth while taking | seventy | six. |
| 7 | There were more than | eighty | seven. |
| 8 | There were at least | ninety | eight. |
| 9 | At last I came to number | a hundred and | nine. |
| 10 | I can't afford | two hundred and |  |
| 11 | I can't afford to buy | a hundred and twenty |  |
| 12 | I'm willing to take about | one thousand one hundred and twenty |  |

Table 50.
45 simple and 20,736 compound permutations.

|  | I. | II. | III. | IV. | V. | VI. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | It's | impossible | for | me | to | do it. |
| 2 | It isn't | difficult |  | him |  | go there. |
| 3 | Is it | easy |  | her |  | wait. |
| 4 | Isn't it | necessary |  | it |  | get it. |
| 5 | It was * | possible |  | us |  | answer the letter. |
| 6 | It wasn't | time |  | you |  | learn French. |
| 7 | Was it | good |  | them |  | hear it. |
| 8 | Wasn't it | better |  | everybody |  | help him. |
| 9 | It'll be | right |  | the others |  | meet him. |
| 10 | It would be | wrong |  | my friend |  | leave it here. |
| 11 | It may be | useful |  | John |  | lose it. |
| 12 | It might be | useless |  | some people |  | find it. |

45 simple and 20,736 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | I can see | something | in | it. |
| 2 | I saw | everything | on | them. |
| 3 | I'll leave | mine | beside | this. |
| 4 | I left | yours | over | that. |
| 5 | You'll find | something else | above | these. |
| 6 | You'll see | a large one | under | those. |
| 7 | I found | a larger one | near | the others. |
| 8 | I wrote | a small one | against | mine. |
| 9 | There's | a smaller one | through | yours. |
| 10 | There was | a good one | across | this one. |
| 11 | I think there's | a better one | round | that one. |
| 12 | I thought there was | an old one | underneath | the box. |

## Table 52.

23 simple and 144 compound permutations.

|  | I. |  |
| ---: | :--- | :--- |
| 1 | I heard it | II. |
| 2 | I helped him | just now. |
| 3 | I met him | in January. |
| 4 | I lost it | in February. |
| 5 | I answered him | in October. |
| 6 | I didn't answer him | at ten to eight. |
| 7 | I bought it | at ten past four. |
| 8 | I didn't buy it | a few minutes ago. |
| 9 | I opened the door | an hour ago. |
| 10 | I didn't open the door | two hours ago. |
| 11 | I shut the window | six weeks ago. |
| 12 | I didn't shut the window | a fortnight ago. |

## 35 simple and 4,752 compound permutations.

|  | I. | 11. | III. |  |
| :---: | :---: | :---: | :---: | :---: |
| 2 3 4 5 6 7 8 9 10 11 12 | I was (just) <br> He was (just) <br> She was (just) <br> We were (just) <br> You were (just) <br> They were (just) <br> I wasn't <br> He wasn't <br> She wasn't <br> We weren't <br> You weren't <br> They weren't | doing it taking it coming going speaking to him (etc. See Table 40, II.) helping him learning it answering the letter buying one opening the door shutting the window | when <br> while <br> as | you came in. he came. you saw me. you spoke to me. he went out. they brought it. you went in. he went away. your letter came. you met me. your brother came. your sister saw me. |

Table 54.
33 simple and 1,584 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 5 6 7 8 9 10 11 12 | Were you <br> Was he <br> Was she <br> Were we <br> Were you <br> Were they <br> Weren't you <br> Wasn't he <br> Wasn't she <br> Weren't we <br> Weren't you <br> Weren't they | giving it to him sending it to him bringing it here showing it to him explaining it (etc. See Table 41, II.) helping them learning French answering the letter buying some opening the letter shutting the box | when | I came in ? <br> I saw you? <br> I went out? <br> I met you? <br> he spoke to you? <br> the others came? <br> I came back ? <br> I went away ? <br> I went in ? <br> you saw me? <br> you spoke to him? <br> you got my letter? |


|  | I. |  |
| ---: | :--- | :--- |
| 1 | It's in | II. |
| 2 | Do you speak | English. |
| 3 | I often write to him in | French. |
| 4 | He's speaking | Italian. |
| 5 | Mr. Brown speaks | Spanish. |
| 6 | Mrs. Brown speaks | Russian. |
| 7 | Miss Brown speaks | German. |
| 8 | Write it in | Dutch. |
| 9 | Can you read | Swedish. |
| 10 | Do you learn | Norwegian. |
| 11 | Are you learning | Danish. |
| 12 | I learnt | Japanese. |

## Table 56.

23 simple and 144 compound permutations.

|  |  | I. |  | II. |
| ---: | :--- | :--- | :--- | :--- |
| 1 | It's |  |  |  |
| 2 | It isn't | done |  |  |
| 3 | Is it | taken |  |  |
| 4 | Isn't it | known |  |  |
| 5 | It was | understood |  |  |
| 6 | It wasn't | begun |  |  |
| 7 | Was it | finished |  |  |
| 8 | Wasn't it | forgotten |  |  |
| 9 | It may be | given |  |  |
| 10 | It can't be | written |  |  |
| 11 | It must be | put here |  |  |
| 12 | It ought to be | brought |  |  |

Table 57.
33 simple and 1,584 compound permutations.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 5 6 7 8 9 10 11 12 | It's <br> It isn't <br> (etc. See Table 56, I.) <br> They're <br> They're not <br> They were <br> They weren't <br> Some of them are <br> A few of them are <br> AII of them are <br> None of them are <br> Most of them are | sold <br> bought <br> heard <br> lost <br> found <br> answered <br> opened <br> shut <br> left here <br> learnt <br> wanted . <br> seen | every | day. <br> week. <br> month. <br> fortnight. <br> year. <br> time. <br> evening. <br> other day. <br> three days. <br> other time. <br> three weeks. <br> day except Sunday. |

## Table 58.

34 simple and 1,728 compound permutations.

| I. | II. | III. |  |
| ---: | :--- | :--- | :--- |
| 1 | I've (or I have) | done it | now. |
| 2 | You've (or You have) | taken it | already. |
| 3 | We've (or We have) | seen it | since. |
| 4 | They've (or They have) | been there | since then. |
| 5 | He's (or He has) | come | since Monday. |
| 6 | She's (or She has) | gone | since I saw you. |
| 7 | Have I | spoken to him | since you came. |
| 8 | Have you | asked him for it | since you were here. |
| 9 | Have we | to-day. |  |
| 10 | Have they | begun it | this week. |
| 11 | Has he | this month. |  |
| 12 | Has she | finished it | ever since. |


|  | I. | II. | III. |  |
| ---: | :--- | :--- | :--- | :--- |
| 1 | I haven't | had it | yet. |  |
| 2 | You haven't | wanted it | up to the present. |  |
| 3 | We haven't | met him | so far. |  |
| 4 | They haven't | put it here | since. |  |
| 5 | He hasn't | explained it | since then. |  |
| 6 | She hasn't | forgotten it | since Monday. |  |
| 7 | Haven't I | lost it | given it to him | since July. |
| 8 | Haven't you | lent it to him | since I saw you. |  |
| 9 | Haven't we | bought it | to-day. |  |
| 10 | Haven't they | sold it | this week. |  |
| 11 | Hasn't he | found it | this month. |  |
| 12 | Hasn't she | before. |  |  |

## Table 60.

23 simple and 144 compound permutations.

|  | I. | II. |  |
| ---: | :--- | :--- | :--- |
| 1 | I've (or I have) just come | from | London. |
| 2 | He's (or He has) just come |  | Birmingham. |
| 3 | She's (or She has) just come |  | Glasgow. |
| 4 | He doesn't live far |  | Manchester. |
| 5 | Do you live far |  | Scotland. |
| 6 | I've just got a letter |  | Ireland. |
| 7 | He wrote to me |  | Paris. |
| 8 | He sent me a card |  | Brussels. |
| 9 | I sent him a wire |  | Antwerp. |
| 10 | He brings them |  | Dover. |
| 11 | I get them |  | Yorkshire. |
| 12 | It's a long way |  | New York. |


|  | 1. | II. |
| :---: | :---: | :---: |
| 1 | I had it | a month ago. |
| 2 | I'd got it | two months ago. |
| 3 | I didn't have it | a year ago. |
| 4 | I hadn't got it | some time ago. |
| 5 | Who had it | in nineteen twelve. |
| 6 | Who'd got it | every time I came. |
| 7 | Did you have it | at the beginning of November. |
| 8 | Had you got it | at the end of December. |
| 9 | Didn't you have it | at twenty to nine. |
| 10 | Hadn't you got it | at twenty past five. |
| 11 | Why didn't you have it | at five and twenty to eight. |
| 12 | Why hadn't you got it | at five and twenty past two. |

Table 62.
29 simple and 1,008 compound permutations.

|  | I. |  |  |
| ---: | :--- | :--- | :--- |
| 1 | II. | III. |  |
| 1 | I don't | see | anybody. |
| 2 | He doesn't | understand | anything. |
| 3 | I didn't | forget | anybody else. |
| 4 | I won't | remember | anything else. |
| 5 | I shan't | believe | any. |
| 6 | I can't | find | either of them. |
| 7 | I couldn't | anow | it, either. |
| 8 | I mustn't | want |  |
| 9 | I oughtn't to | look at |  |
| 10 | I don't want to | listen to |  |
| 11 | It's impossible for me to |  |  |
| 12 | It's difficult for me to |  |  |



Table 64.
23 simple and 144 compound permutations.

|  | I. | II. |
| ---: | :--- | :--- |
| 1 | There's nothing at all | on the table. |
| 2 | There isn't anything at all | on the floor. |
| 3 | There was nothing at all | on the ground. |
| 4 | There wasn't anything at all | on the box. |
| 5 | There's hardly anything | on the ceiling. |
| 6 | There's scarcely anything | on the wall. |
| 7 | There are hardly any | in the box. |
| 8 | I can hardly see anything | in the town. |
| 9 | I could hardly see anything | in the street. |
| 10 | It's impossible to see anything | in the country. |
| 11 | You're not likely to see anything | in the room. |
| 12 | You're sure not to see anything | in the drawer. |

## 34 simple and 1,728 compound permutations. <br> Columns I. and III. to be co-ordinated.

|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | I'd (or I 'should) | do it | if I | had time. |
| 2 | He'd | clean it | if he | were here. |
| 3 | She'd | look for it | if she | stayed there. |
| 4 | We'd (or We should) | go and meet him | if we | could. |
| 5 | You'd | make one | if you | had to. |
| 6 | They'd | drink it | if they | wanted to. |
| 7 | Would I (or Should I) | walk back | if I | were obliged to. |
| 8 | Would he | come here instead | if he | were free. |
| 9 | Would she | do it at once | if she | tried. |
| 10 | Would we (or Should we) | do it properly | if we | weren't too busy. |
| 11 | Would you | take the rest | if you | thought it necessary. |
| 12 | Would they | learn it better | if they | found it necessary. |

Table 66.
34 simple and 6,048 compound permutations.

|  | 1. | II. | III. | IV. | V. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 2 3 4 5 6 7 8 9 10 11 12 | It's the <br> This is the I think it's the I may say it's the He says it's the I daresay it's the | first second <br> third <br> fourth <br> fifth <br> sixth <br> seventh <br> eighth <br> ninth <br> tenth <br> eleventh <br> twelfth | time | I've he's she's we've you've they've the others have | seen it. <br> played it. <br> looked at it. <br> been here. <br> been there. <br> used it. <br> tried it. <br> heard it. <br> wanted it. <br> spoken to him. <br> made a mistake. <br> had it. |


|  | I. | III. | III. |
| ---: | :--- | :--- | :--- |
| 1 | What's the | difference between | this and that. |
| 2 | There's a great | mine and yours. |  |
| 3 | Is there a great | the first and the second. |  |
| 4 | There isn't a great | the third and the fourth. |  |
| 5 | That's the only | the fifth and the sixth. |  |
| 6 | I can't see any | the seventh and the eighth. |  |
| 7 | I don't make any | the ninth and the tenth. |  |
| 8 | There can't be much | the eleventh and the twelfth. |  |
| 9 | Is there much | the thirteenth and the fourteenth. |  |
| 10 | Was there much | the fifteenth and the sixteenth. |  |
| 11 | Can't you see the | number one and number two. |  |
| 12 | Nobody sees any | number three and number four. |  |

## Table 68.

34 simple and 1,728 compound permutations.

|  | I. | II. | III. |
| ---: | :--- | :--- | :--- | :--- |
| 1 | I found it | in front of | the other. |
| 2 | I left it | at the bottom of | one of them. |
| 3 | There's something | on top of | some of them. |
| 4 | There was something | at the back of | those others. |
| 5 | There isn't anything | by the side of | the large one. |
| 6 | There wasn't anything | at the corner of | the first. |
| 7 | There won't be anything else | at the beginning of | the second. |
| 8 | There can't be anything | at the end of | the third. |
| 9 | There may be something else | on this side of | the fourth. |
| 10 | There ought to be something | close to | the fifth. |
| 11 | Is there anything | in the middle of | the sixth. |
| 12 | Was there anything | a long way from | the seventh. |

35 simple and 6,480 compound permutations.

|  | I. | II. | III. | IV. | V. | VI. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | I did it | on account of | the | man | who came | here. |
| 2 | I waited | because of |  | men |  | after. |
| 3 | I stayed at home | instead of |  | gentleman |  | late. |
| 4 | I kept it all | in spite of |  | gentlemen |  | early. |
| 5 | I went out | for the sake of |  | lady |  | with me. |
| 6 | He went away | to please |  | ladies |  |  |
| 7 | They came back | so as to please |  | people |  |  |
| 8 | I locked the door | in order to please |  | one |  |  |
| 9 | I stopped at home | so as not to trouble |  | person |  |  |
| 10 | I waited a long time | in order not to trouble |  |  |  |  |
| 11 | I cleaned it | so as not to disturb |  |  |  |  |
| 12 | I took them all | in order not to worry |  |  |  |  |

## Table 70.

34 simple and 1,728 compound permutations.

|  | I. | II. | III. | IV. |
| ---: | :--- | :--- | :--- | :--- |
| 1 |  | you can do it | if | you like. |
| 2 | In fact | you can go | when |  |
| 3 | As a matter of fact, | you can work | as |  |
| 4 | On the contrary, | I'll do it | as soon as |  |
| 5 | At least, | I'll go | whenever |  |
| 6 | On the other hand, | you can play that | just as |  |
| 7 | No doubt | you can stop | wherever |  |
| 8 | There's no doubt | you can use it | after. | after I've gone. |
| 9 | Well, | you can eat it | after you've seen him. |  |
| 10 | The fact is: | you can stay wine | the day before. |  |
| 11 | It's a fact ; |  |  |  |
| 12 | Still, |  |  |  |


|  | I. |  | II. |
| ---: | :--- | :--- | :--- |
| 1 | What a* | nice | III. |
| 2 | It looks a | nasty | house! |
| 3 | It seems a | large | book! |
| 4 | Here's a | small | picture! |
| 5 | There's a | little | dog! |
| 6 | It may be a | funny | cat! |
| 7 | It might be a | fine | room! |
| 8 | It ought to be a | ugly | station! |
| 9 | It must be a | enormous | train! |
| 10 | It can't be a | funny sort of | town! |
| 11 | It couldn't be a | funny-looking | shop! |
| 12 | It's such a |  | one! ! |

* [a] to be replaced by [an] when the following word begins with a vowel. Table 72.
23 simple and 144 compound permutations.

|  | I. |  |
| ---: | :--- | :--- |
| 1 | How | II. |
| 2 | It's something | nice! |
| 3 | It's hardly ever | nasty! |
| 4 | It's scarcely ever | long! |
| 5 | It isn't very | short! |
| 6 | It looks rather | wet! |
| 7 | They're both | dry! |
| 8 | Neither of them are | cheap! |
| 9 | Both of them are | dear! |
| 10 | All of them are | pretty ! |
| 11 | The one I saw here's very | soft! |
| 12 | This is very | interesting! |


|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | What | nice | pictures! |
| 2 | They're such | nasty | books! |
| 3 | I thought they were such | pretty | houses! |
| 4 | They're both | interesting | buildings! |
| 5 | Both of them are | dirty | things! |
| 6 | They're all | funny | towns! |
| 7 | Here are some | ugly | countries! |
| 8 | There are some | enormous | rooms! |
| 9 | These are | funny-looking | shops! |
| 10 | Those are | fine | places! |
| 11 | You can hardly call them | funny little | animals! |
| 12 | I saw several | strange | cards ! |

## Table 74.

23 simple and 144 compound permutations.
I.

1 This is very
2 That's
3 These are
4 Those are
5 It's so
6 It's so very
7 Who said it was
8 I don't call that
9 You can hardly call that
10 It wouldn't be very
11 What makes you think it's
12 I can't help thinking it's
important.
convenient.
full.
empty.
dirty.
warm.
hot.
cold.
heavy.
light.
dark.
deep.

| I. |  | II. | IV. |  |
| ---: | :--- | :--- | :--- | :--- |
| 1 | I don't mind taking | two | more | - |
| 2 | Would you mind taking | three |  | books. |
| 3 | I couldn't help taking | four | cards. |  |
| 4 | I really must take | five | pieces. |  |
| 5 | I'd better have | some | large ones. |  |
| 6 | I'd rather have | few | small ones. |  |
| 7 | I'd like to take | several | good ones. |  |
| 8 | Somebody took | a dozen | empty ones. |  |
| 9 | Somebody's taken | half a dozen | cheap ones. |  |
| 10 | Why didn't you take | a lot | clean ones. |  |
| 11 | Who wants | a hundred | light ones. |  |
| 12 | I think I'll have |  | yellow ones. |  |

Table 76.
34 simple and 1,728 compound permutations.

|  | I. | II. | III. | IV. | V. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | I know | the | man | who (or that) | did it. |
| 2 | I knew |  | men |  | ate it. |
| 3 | I can see |  | gentleman |  | drank it. |
| 4 | I saw |  | one |  | made it. |
| 5 | I followed |  | person |  | broke it. |
| 6 | I didn't follow |  | people |  | burnt it. |
| 7 | I laughed at |  | lady |  | cut it. |
| 8 | I stopped |  | ladies |  | locked it. |
| 9 | I spoke to |  | boy |  | played it. |
| 10 | I wrote to |  | boys |  | stopped it. |
| 11 | I looked for |  | girl |  | used it. |
| 12 | I tried to find |  | girls |  | touched it. |


|  | I. | II. | IV. |  |
| ---: | :--- | :--- | :--- | :--- |
| 1 | I wanted | the one | which (or that) | you saw on the left. |
| 2 | I took | those |  | you saw on the right. |
| 3 | I saw | the piece |  | was here. |
| 4 | Shall I give you | the pieces |  | came here. |
| 5 | I bought | the sort |  | you were looking at. |
| 6 | I've bought | the kind | you were looking for. |  |
| 7 | I sold | all those | fitted properly. |  |
| 8 | I've sold | most of those |  | fitted badly. |
| 9 | You ought to have | some of those |  | I put here. |
| 10 | You ought to get | one of those |  | I put on one side. |
| 11 | I prefer | several of those |  | you liked. |
| 12 | I shouldn't take | those things |  | you preferred. |

Table 78.
23 simple and 144 compound permutations.
I.

1 I can't help
2 I couldn't help
3 Stop
4 I stopped
5 Keep on
6. He keeps on

7 I wish you wouldn't keep
8 I don't like
9. I prefer

10 I don't mind
11 I didn't mind
12 Would you mind

## II.

working late.
touching it.
playing the same thing.
using this one.
breaking them.
burning them.
cutting them.
cleaning it as usual.
locking the door afterwards.
laughing.
laughing at it.
working quickly.

|  | I. | II. | III. |
| ---: | :--- | :--- | :--- |
|  | He | does it | very well. |
| 2 | She | plays it | very badly. |
| 3 | That man | works | very fast. |
| 4 | The other man | makes them | rather fast. |
| 5 | That lady | cleans them | very quickly. |
| 6 | That boy | speaks | rather too quickly. |
| 7 | The person in question | writes | very slowly. |
| 8 | The man who comes here | reads | too slowly. |
| 9 | The man you met last week | did the first | properly. |
| 10 | The lady who came here | did the next | very nicely. |
| 11 | The lady you saw | did the last | easily. |
| 12 | The man I spoke about | did half a dozen | in too much of a hurry. |

## Table 80.

34 simple and 1,728 compound permutations.

|  | I. | II. | III. |
| ---: | :--- | :--- | :--- |
| 1 | He told me (that) | he did it | once. |
| 2 | In any case, | he'd done it | twice. |
| 3 | Anyhow, | he saw it | three times. |
| 4 | At any rate, | he'd seen it | four times. |
| 5 | Only fancy, | he came here | helf a dozen times. |
| 6 | And yet | he used it | several times. |
| 7 | You're right, | he'd used it | afterwards. |
| 8 | As a rule, | he cleaned it | in the Spring. |
| 9 | I'm aware (that) | he'd cleaned it | in the Summer. |
| 10 | I'm quite aware (that) | he looked for it | in the Autumn. |
| 11 | I admit (that) | he'd looked for it | in the Winter. |
| 12 | I must admit (that) |  |  |


|  |  |  |
| ---: | :--- | :--- |
| 1 | We're | alone. |
| 2 | We were | all alone. |
| 3 | We shall be | together. |
| 4 | We used to be | all together. |
| 5 | They're | early. |
| 6 | They were | too early. |
| 7 | They'll be | late. |
| 8 | They weren't | rather late. |
| 9 | They used to be | too late. |
| 10 | They were often | in a hurry. |
| 11 | They were generally | on the other side. |
| 12 | They must be | a long way off. |

Table 82.
34 simple and 1,728 compound permutations.

|  | 1. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | It's | as large as | mine. |
| 2 | It was | as good as | the other. |
| 3 | It'll be | as cheap as | the one I saw here, |
| 4 | It would be | as long as | the one in the other room. |
| 5 | It wouldn't be | as short as | the one they sell at Brown's. |
| 6 | It may be | as pretty as | the one I put on the table. |
| 7 | It can't be | larger than | the one on the left. |
| 8 | It might be | cheaper than | the one on the right. |
| 9 | It ought to be | longer than | those others. |
| 10 | It ought not to be | better than | the first. |
| 11 | It used to be | worse than | the new one. |
| 12 | It used not to be | more interesting than | the old one. |

Table 83.
34 simple and 1,728 compound permutations.

|  | I. | II. | III. | IV. | V. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 3 4 5 6 7 8 9 10 11 12 | What's <br> I want to know I'd like to know <br> Let me know I don't quite know Can anybody tell me I wish you'd tell me Who knows Ask him what's Don't you know I don't remember I've quite forgotten | the | colour <br> size <br> name <br> number <br> price <br> shape <br> exact colour <br> exact number <br> usual price <br> advantage <br> good <br> use | of the one | you took. <br> I saw afterwards. we liked. they wanted. he sent. he showed you. here. there. on the table. in front. behind. at the back. |

## Table 84.

23 simple and 144 compound permutations.
I.

## Let's

2 I'll let you
3 Make him
4 I want him to
5 I'd like you to
6 I wanted you to
7 I happened to
8 Mind you
9. Mind you don't

10 There's no need for me to
11 I'm going to
12 I was just going to

## II.

arrange the things properly.
change the subject.
catch one of the larger ones.
correct the mistakes in it.
receive everything here.
fill them with something or other.
empty all the others.
hold it tight.
accept whatever he offers.
refuse the invitation.
pay ten shillings for it.
pick it up.

## I.

1 He probably means (that) he
2 It's funny that he
3 I can't imagine how he
4 He soon
5 I was laughing at the way he
6 He was so surprised that he
7 By mistake, he
8 I know perfectly well that he
9 It's nearly a week since he
10 It's more than a fortnight since he
11 It seems such a long time since he
12 I almost think it's a pity (that) he
II.
changed the money. arranged the matter.
caught it.
corrected the exercises. received the letter.
filled it with water. emptied the two boxes.
held the two ends.
accepted the money.
refused the offer.
paid for what he bought.
picked it up.

## Table 86.

23 simple and 144 compound permutations. Columns I and III. to be co-ordinated.

|  | 1. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | I | saw | myself. |
| 2 | You | looked at | yourself. |
| 3 | He | hurt | himself. |
| 4 | She | cut | herself. |
| 5 | We | enjoyed | ourselves. |
| 6 | You | lost | yourselves. |
| 7 | They | did it | themselves. |
| 8 | I | saw it | myself. |
| 9 | You | heard it | yourself. |
| 10 | He | thought so | himself. |
| 11 | She | corrected it | herself. |
| 12 | We | saw to it | ourselves. |

## 23 simple and $14+$ compound permutations. Columns I. and III. to be co-ordinated.

|  | I. | II. | III. |
| :---: | :---: | :---: | :---: |
| 1 | This is | wood, | isn't it ? |
| 2 | That's | stone, | isn't it ? |
| 3 | This isn't | leather, | is it ? |
| 4 | That isn't | paper, | is it ? |
| 5 | You gave him a piece of | cardboard, | didn't you? |
| 6 | You want some more | metal, | don't you? |
| 7 | There isn't any more | iron, | is there? |
| 8 | This stuff's called | steel, | isn't it ? |
| 9 | There isn't much | gold, | is there? |
| 10 | There can't be much | silver, | can there ? |
| 11 | That can't be | lead, | can it ? |
| 12 | It's made of | glass, | isn't it ? |

## Table 88.

## 23 simple and 144 compound permutations.

|  |  |  | II. |
| ---: | :--- | :--- | :--- |
| 1 | These are |  |  |
| 2 | Those are | knives. |  |
| 3 | These are not | forks. |  |
| 4 | Those are not | cups. |  |
| 5 | Are these | saucers. |  |
| 6 | Are those | plates. |  |
| 7 | These things are called | glasses. |  |
| 8 | I want a few | keys. |  |
| 9 | Let me have some | matches. |  |
| 10 | Are there many | pens. |  |
| 11 | There aren't many | pencils. |  |
| 12 | Do you want some more | exercise books. |  |

36 simple and 2,880 compound permutations.


## Table 90.

23 simple and 144 compound permutations. Columns I. and III. to be co-ordinated.

|  | I. | II. | III. |
| ---: | :--- | :--- | :--- |
| 1 | I have to | pronounce it like that, | haven't I ? |
| 2 | I had to | translate it into English, | hadn't I ? |
| 3 | I've got to | choose the one I like best, | haven't I ? |
| 4 | I haven't got to | hide it somewhere, | have I ? |
| 5 | I hadn't got to | call the others, | had I ? |
| 6 | I'd got to | call on him, | hadn't I t |
| 7 | I'm to | sit down, | an't I ? |
| 8 | He's to | stand up, | isn't he ? |
| 9 | You're to | get to London to-night, | aren't you ? |
| 10 | You're not to | lift it, | are you ? |
| 11 | I was to | spoil them, | wasn't I ? |
| 12 | I wasn't to |  | was I ? |

I.

1 I thought he
2 I supposed he
3 I imagined he

## I fancied he

It's a mistake to think he
He tried to make me believe he
I'm not sure whether he
It's quite possible that he
I sometimes think he
Some of the others
I did think it was a pity he
I do think it's a pity he

## II.

pronounced it like that.
translated it badly.
chose the best.
hid it somewhere.
called him.
called on him.
sat here.
stood here.
lived in London.
got to London in time,
lifted it easily.
spoilt them all.

Table 92.
23 simple and 144 compound permutations.
Columns I. and IV, to be co ordinated.


|  | I. | II. | III. | IV. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | This one's. | the | largest | isn't it ? |
| 2 | That one's |  | smallest | isn't it ? |
| 3 | These are |  | best | aren't they? |
| 4 | Those are |  | worst | aren't they ? |
| 5 | This one was |  | longest | wasn't it ? |
| 6 | That one was |  | shortest | wasn't it ? |
| 7 | These were |  | most interesting | weren't they ? |
| 8 | It used to be |  | most difficult | usedn't it ? |
| 9 | He always chooses |  | most important | doesn't he ? |
| 10 | He always chose |  | most convenient | didn't he ? |
| 11 | You always want |  | most comfortable | don't you? |
| 12 | You'll take |  | most suitable | won't you? |

## Table 94.

## 23 simple and 144 compound permutations. Columns I. and IV. to be co-ordinated.

| I. | II. | III. | IV. |  |
| ---: | :--- | :--- | :--- | :--- |
| 1 | I was here | (for) | a few minutes, | wasn't I ? |
| 2 | I've been here |  | a quarter of an hour, | haven't I ? |
| 3 | I was there |  | half an hour, | wasn't I ? |
| 4 | I've been there |  | the whole morning, | haven't I ? |
| 5 | I did it |  | two days, | didn't I ? |
| 6 | I've been doing it |  | three weeks, | haven't I ? |
| 7 | I was waiting |  | a fortnight, | wasn't I ? |
| 8 | I've been waiting |  | two months, | haven't I ? |
| 9 | I used it |  | three years, | didn't I ? |
| 10 | I've been using it |  | a short time, | haven't I ? |
| 11 | I had it |  | a long time, | didn't I ? |
| 12 | I've had it |  | an hour and a half, | haven't I ? |



## I.

## I think

I expect
I believe
I suppose
I fancy
6 I imagine
7 I'm afraid
8 He thinks
9 He supposes
10 He seems to think
11 I should think
12 I should imagine
II.
so.
not.
it must be the same thing.
it wants cleaning.
there's only one left.
it's better than nothing.
I can get one for nothing.
it's nothing.
it's too much.
it's much better.
it's rather too far.
he went as far as the station.

## Table 98.

36 simple and 5,184 compound permutations.

|  | I. | II. | III. | IV. | V. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 3 4 5 6 7 8 9 10 11 12 | If <br> Even if If ever | I'd | done it, seen it, taken it, understood it, been, gone there, forgotten it, found it, wanted it, bought it, lost it, met him, | I'd have <br> I should have he'd have <br> I wouldn't have I shouldn't have he wouldn't have I might have he might have I mightn't have he mightn't have I think I'd have I'm sure I'd have | told you. <br> written to you. spoken to you. sent you a card. let you know. gone home. come to you. come straight to you. forgotten to tell you. remembered it. been obliged to tell you. been very pleased. |


|  | I. |  |
| ---: | :--- | :--- |
| 1 | There are some | II. |
| 2 | There aren't any | better qualities. |
| 3 | Are there any | serious mistakes. |
| 4 | Aren't there any | square ones. |
| 5 | There were some | stronger ones. |
| 6 | There weren't any | tall ones. |
| 7 | Were there any | dangerous corners. |
| 8 | Weren't there any | awful examples. |
| 9 | I think there are some | nice walks there. |
| 10 | I thought there were some | dictionaries in the cupboard. |
| 11 | I wonder whether there are any | penny ones. |
| 12 | I wondered whether there were any | twopenny ones. |

Table 100.
48 simple and 124,416 compound permutations.

|  | 1. | II. | III. | IV. | V . | VI. | VII. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 11 12 | Hecame to England <br> It was done <br> They were finished <br> I was born <br> He was married <br> He got married <br> He was alive <br> He died <br> He was buried <br> Nobody saw him <br> It happened <br> It occurred | on the before the after the | first <br> second <br> third <br> fourth <br> fifth <br> nineteenth <br> twentieth <br> twenty-first <br> twenty-second <br> twenty-third <br> twenty-fourth <br> thirtieth | of | January <br> February <br> March <br> April <br> May <br> June <br> July <br> August <br> September <br> October <br> November <br> December | eighteen nineteen | hundred. <br> one. <br> two. <br> three. <br> four. <br> twenty. <br> thirty. <br> forty. <br> fifty. <br> seventy-seven <br> eighty-eight. <br> ninety-nine. |

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